CDX-F5700/F5700X/FW570

SERVICE MANUAL

Ver 1.0 2004. 02

US Model
CDX-F5700/FW570
Canadian Model
CDX-F5700
E Model
CDX-F5700X



Photo: CDX-F5700

• The tuner and CD sections have no adjustments.

Model Name Using Similar Mechanism	NEW
CD Drive Mechanism Type	MG-611MA-186//Q
Optical Pick-up Name	KSS1000E

AUDIO POWER SPECIFICATIONS (US MODEL)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
23.2 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.

SPECIFICATIONS

CD player section

Signal-to-noise ratio	120 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

Tuner section

FM

Tuning range	US, Canadian Model: 87.5 – 107.9 MHz E Model: FM tuning interval: 50 kHz/200 kHz switchable 87.5 – 108 MHz (at 50 kHz step) 87.5 – 107.9 MHz (at 200 kHz step)
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	9 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	67 dB (stereo), 69 dB (mono)
Harmonic distortion at 1 kHz	0.5% (stereo), 0.3% (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

AM

Tuning range	US, Canadian Model: 530 – 1,710 kHz E Model: AM tuning interval: 9 kHz/10 kHz switchable 531 – 1,602 kHz (at 9 kHz step) 530 – 1,710 kHz (at 10 kHz step)
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 µV

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4 – 8 ohms
Maximum power output	52 W × 4 (at 4 ohms)

General

Outputs	Audio outputs terminal (front/rear) Subwoofer output terminal (mono) Power antenna relay control terminal Power amplifier control terminal
Inputs	Telephone ATT control terminal Illumination control terminal BUS control input terminal BUS audio input or AUX IN terminal Remote controller input terminal Antenna input terminal

– Continued on next page –

FM/AM COMPACT DISC PLAYER

9-877-605-01
2004B04-1

Sony Corporation
e Vehicle Company
Published by Sony Engineering Corporation

SONY®

Tone controls	US, Canadian Model: Bass ±10 dB at 62 Hz Treble ±10 dB at 16 kHz E Model: Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Loudness	+8 dB at 100 Hz +2 dB at 10 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 178 × 50 × 177 mm (7 1/8 × 2 × 7 in.) (w/h/d)
Mounting dimensions	Approx. 182 × 53 × 161 mm (7 1/4 × 2 1/8 × 6 3/8 in.) (w/h/d)
Mass	Approx. 1.2 kg (2 lb. 10 oz.)
Supplied accessories	Parts for installation and connections (1 set) Front panel case (1) Card remote commander RM-X114

Note
This unit cannot be connected to a digital preamplifier or an equalizer which is Sony BUS system compatible.

Design and specifications are subject to change without notice.

SERVICE NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

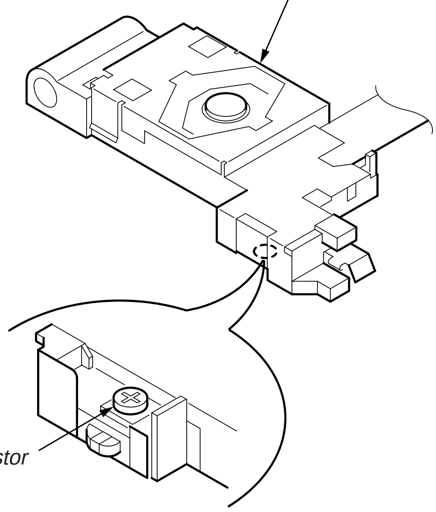
TEST DISCS

This set can playback CD-R and CD-ROM discs. The following test discs should be used to check the capability:

CD-R test disc TCD-R082LMT (Part No. J-2502-063-1)
CD-RW test disc TCD-W082L (Part No. J-2502-063-2)

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

If the optical pick-up block is defective, please replace the whole optical pick-up block.
Never turn the semi-fixed resistor located at the side of optical pick-up block.



• E model

CLASS 1
LASER PRODUCT

This label is located on the bottom of the chassis.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

Notes on CD-Rs (recordable CDs)/CD-RWs (rewritable CDs)

This unit can play the following discs:

Type of discs	Label on the disc
Audio CD	COMPACT disc DIGITAL AUDIO Recordable; COMPACT disc DIGITAL AUDIO ReWritable
MP3 files	COMPACT disc DIGITAL AUDIO Recordable; COMPACT disc DIGITAL AUDIO ReWritable; COMPACT disc Recordable; COMPACT disc ReWritable

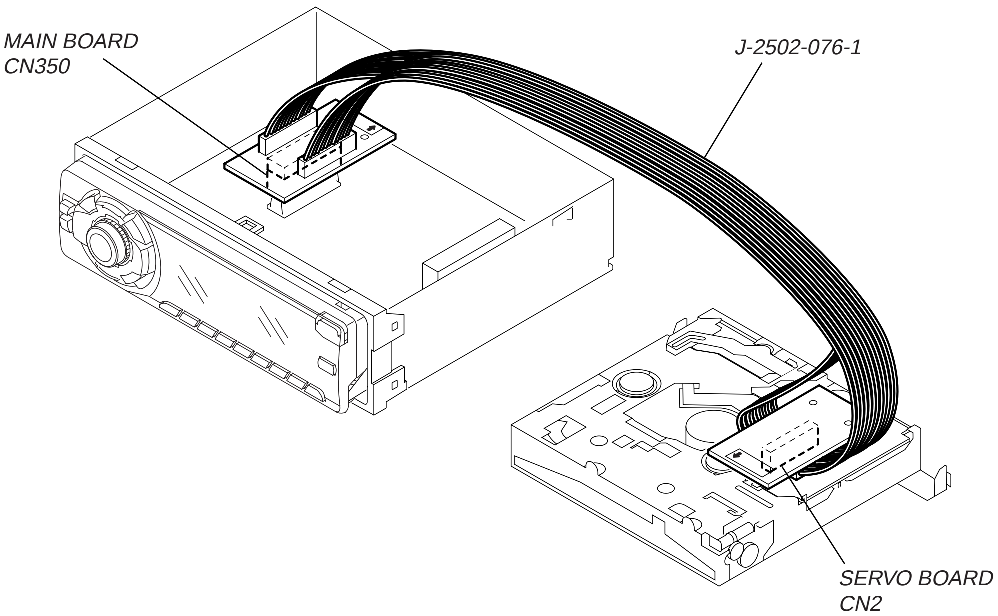
- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- You cannot play a CD-R/CD-RW that is not finalized*.
- You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.
- A CD-R/CD-RW to which a session can be added can be played.

* A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.

EXTENSION CABLE AND SERVICE POSITION

When repairing or servicing this set, connect the jig (extension cable) as shown below.

• Connect the MAIN board (CN350) and the SERVO board (CN2) with the extension cable (Part No. J-2502-076-1).



● UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

LF : LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

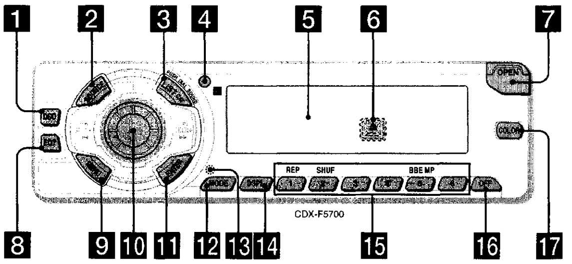
TABLE OF CONTENTS

SECTION 1
GENERAL

This section is extracted from instruction manual.

Location of controls (US, Canadian Model)

Refer to the pages listed for details.



1. **DSO button** 23
2. **SOURCE (Power on/Radio/CD/MD/ AUX*1) button**
   To select the source.
3. **LIST/CAT*2 button** 15, 18
4. **Receptor for the card remote commander**
5. **Display window**
6. **≜ (eject) button** (located on the front side of the unit, behind the front panel) 11
7. **OPEN button** 10, 11
8. **EQ7 button** 22
9. **MENU button**
   To display the menus.
10. **Volume control dial/Sound button**
    Rotate to:
    – Adjust the volume.
    – Adjust the sound settings.
    Press to:
    – Select the sound items.
11. **ENTER button**
    To enter a setting.
12. **MODE button**
    To change operation.
13. **RESET button** (located on the front side of the unit, behind the front panel) 9
14. **DSPL (display mode change) button** 12, 14
15. **Number buttons**
    Radio:
    To store stations/receive stored stations.
    CD/MD:
    (1): **REP** 13
    (2): **SHUF** 13
    Sound:
    (5): **BBE MP** 20
16. **OFF (Stop/Power off) button*3** 10, 11, 24
17. **COLOR button** 24
    To change the LCD color.

*1 *Available only when an optional Sony portable device is connected to AUX IN terminal of the unit. When you connect a Sony portable device and CD/MD unit(s) at the same time, use the AUX IN selector.*

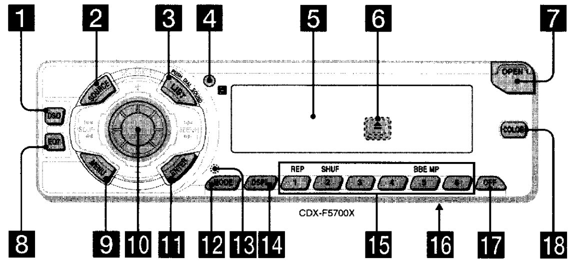
*2 *(CAT) is available only when the XM tuner is connected.*

*3 **Warning when installing in a car without an ACC (accessory) position on the ignition switch**
After turning off the ignition, be sure to press and hold (OFF) on the unit until the display disappears.
Otherwise, the display does not turn off and this causes battery drain.

4

Location of controls (E Model)

Refer to the pages listed for details.



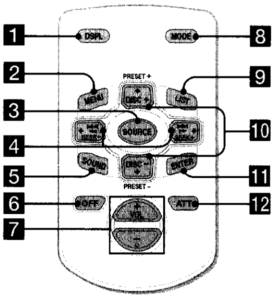
1. **DSO button** 23
2. **SOURCE (Power on/Radio/CD/MD/ AUX*1) button**
   To select the source.
3. **LIST button** 15, 18
4. **Receptor for the card remote commander**
5. **Display window**
6. **≜ (eject) button** (located on the front side of the unit, behind the front panel) 11
7. **OPEN button** 10, 11
8. **EQ7 button** 22
9. **MENU button**
   To display the menus.
10. **Volume control dial/Sound button**
    Rotate to:
    – Adjust the volume.
    – Adjust the sound settings.
    Press to:
    – Select the sound items.
11. **ENTER button**
    To enter a setting.
12. **MODE button**
    To change operation.
13. **RESET button** (located on the front side of the unit, behind the front panel) 9
14. **DSPL (display mode change) button** 12, 14
15. **Number buttons**
    Radio:
    To store stations/receive stored stations.
    CD/MD:
    (1): **REP** 13
    (2): **SHUF** 13
    Sound:
    (5): **BBE MP** 20
16. **Frequency select switch** (located on the bottom of the unit)
    See "Frequency select switch" in the Installation/Connections manual.
17. **OFF (Stop/Power off) button*2** 10, 11, 24
18. **COLOR button** 24
    To change the LCD color.

*1 *Available only when an optional Sony portable device is connected to AUX IN terminal of the unit. When you connect a Sony portable device and CD/MD unit(s) at the same time, use the AUX IN selector.*

*2 **Warning when installing in a car without an ACC (accessory) position on the ignition switch**
After turning off the ignition, be sure to press and hold (OFF) on the unit until the display disappears.
Otherwise, the display does not turn off and this causes battery drain.

4

Card remote commander RM-X114



The corresponding buttons of the card remote commander control the same functions as those on this unit.

1. **DSPL button**
2. **MENU button**
3. **SOURCE button**
4. **SEEK (–/+) buttons**
5. **SOUND button**
6. **OFF button**
7. **VOL (+/–) buttons**
8. **MODE button**
9. **LIST button**
10. **DISC (ALBUM)/PRESET (+/–) buttons**
11. **ENTER button**
12. **ATT button**

Note
If the display disappears by pressing (OFF), it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Tip
For details on how to replace the battery, see "Replacing the lithium battery" on page 25.

Selecting a disc and album with the card remote commander

Disc and album can be skipped using the DISC (ALBUM) (+/–) buttons on the card remote commander.

(With this unit)

To	Press
Skip albums* – Album selection	+ or – [once for each album] To continuously skip albums, press and hold either button.

(With optional unit)

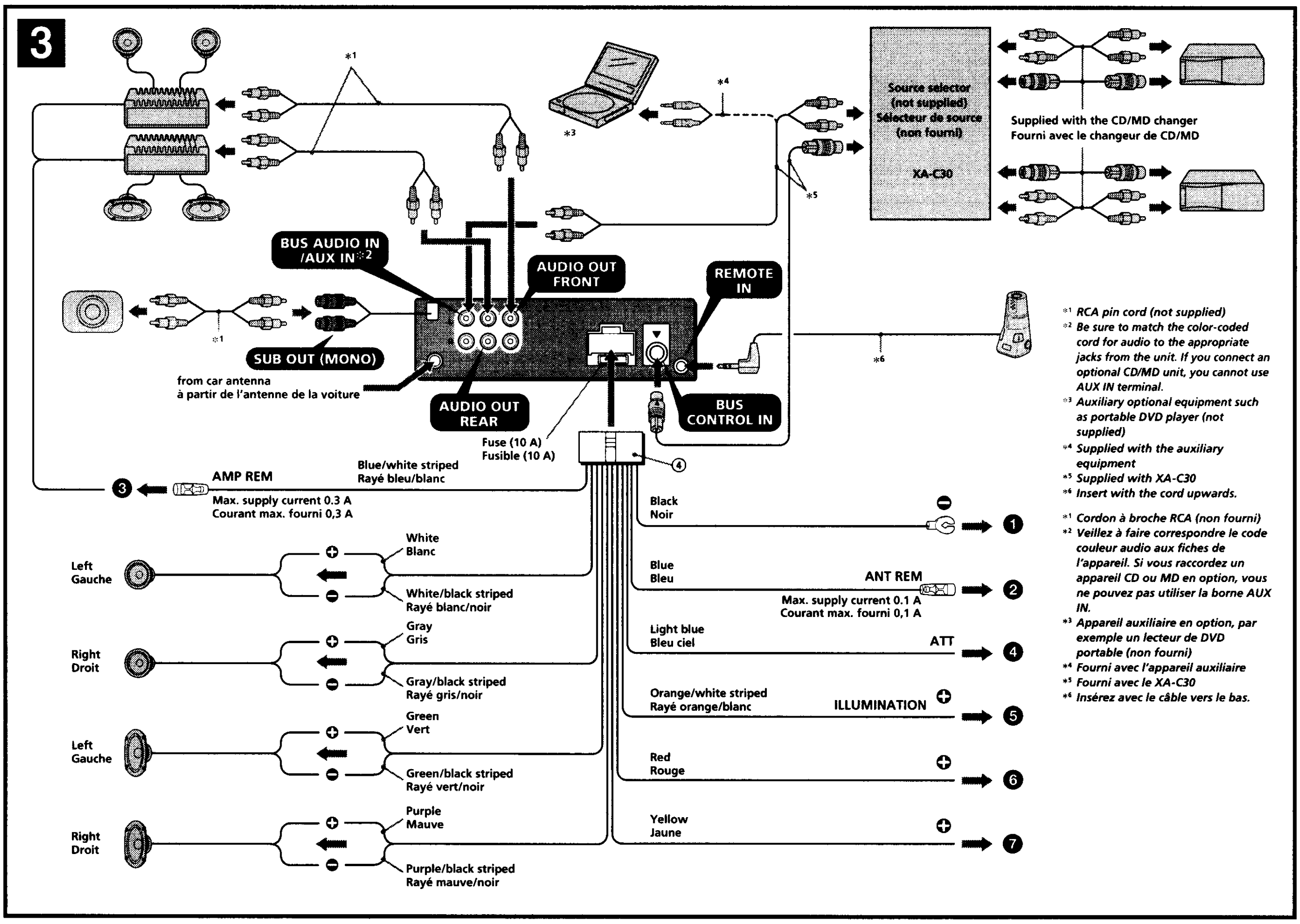
To	Press
Skip discs – Disc selection	+ or – [once for each disc] To continuously skip discs, press once and press again within 2 seconds (and hold) either button.
Skip albums* – Album selection	+ or – [hold for a moment] and release To continuously skip albums, press (and hold) within 2 seconds of first releasing the button.

* *Available only when an MP3 file is played.*

Skipping tracks continuously

Press once (SEEK) (+) or (SEEK) (–) on the card remote commander, then press again within 2 seconds and hold.

Connections (US, Canadian Model)



Connection diagram (3)

1. **To a metal surface of the car**
   First connect the black ground lead, then connect the yellow and red power input leads.
2. **To the power antenna control lead or power supply lead of antenna booster amplifier**

   Notes
   - *It is not necessary to connect this lead if there is no power antenna or antenna booster, or with a manually-operated telescopic antenna.*
   - *When your car has a built-in FM/AM antenna in the rear/side glass, see "Notes on the control and power supply leads."*
3. **To AMP REMOTE IN of an optional power amplifier**
   This connection is only for amplifiers. Connecting any other system may damage the unit.
4. **To the interface cable of a car telephone**
5. **To a car's illumination signal**
   Be sure to connect the black ground lead to a metal surface of the car first.
6. **To the +12 V power terminal which is energized in the accessory position of the ignition key switch**

   Notes
   - *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times.*
     Be sure to connect the black ground lead to a metal surface of the car first.
   - *When your car has a built-in FM/AM antenna in the rear/side glass, see "Notes on the control and power supply leads."*
7. **To the +12 V power terminal which is energized at all times**
   Be sure to connect the black ground lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna in the rear/side glass, connect the power antenna control lead (blue) or the accessory power input lead (red) to the power terminal of the existing antenna booster. For details, consult your dealer.*
- *A power antenna without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power input lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Schéma de raccordement (3)

1. **À un point métallique de la voiture**
   Branchez d'abord le fil de masse noir et, ensuite, les fils d'entrée d'alimentation jaune et rouge.
2. **Vers le fil de commande de l'antenne électrique ou le fil d'alimentation de l'amplificateur d'antenne**

   Remarques
   - *Il n'est pas nécessaire de raccorder ce fil s'il n'y a pas d'antenne électrique ni d'amplificateur d'antenne, ou avec une antenne télescopique manuelle.*
   - *Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les fils de commande et d'alimentation ».*
3. **Au niveau du AMP REMOTE IN de l'amplificateur de puissance en option**
   Ce raccordement s'applique uniquement aux amplificateurs. Le branchement de tout autre système risque d'endommager l'appareil.
4. **Vers le cordon de liaison d'un téléphone de voiture**
5. **Vers le connecteur du signal d'éclairage de la voiture**
   Raccordez d'abord le fil de masse noir à un point métallique du véhicule.
6. **À la borne +12 V qui est alimentée quand la clé de contact est sur la position accessoires**

   Remarques
   - *S'il n'y a pas de position accessoires, raccordez la borne d'alimentation (batterie) +12 V qui est alimentée en permanence.*
     Raccordez d'abord le fil de masse noir à un point métallique du véhicule.
   - *Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les fils de commande et d'alimentation ».*
7. **À la borne +12 V qui est alimentée en permanence**
   Raccordez d'abord le fil de masse noir à un point métallique du véhicule.

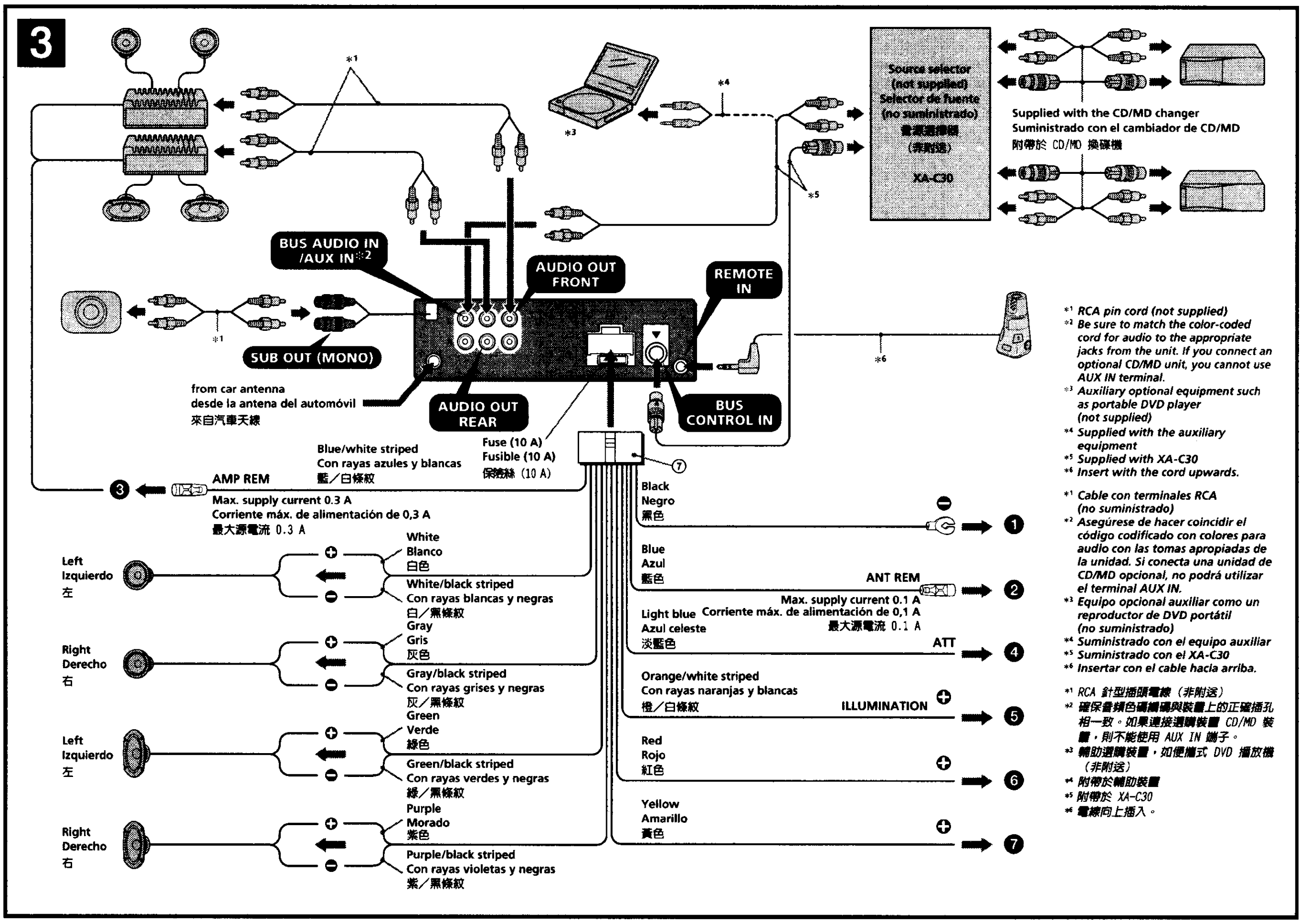
Remarques sur les fils de commande et d'alimentation
- *Le fil de commande de l'antenne électrique (bleu) fournit une alimentation de + 12 V CC lorsque vous mettez la radio sous tension.*
- *Lorsque votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, raccordez le fil de commande de l'antenne (bleu) ou l'entrée d'alimentation des accessoires (rouge) à la borne d'alimentation de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre détaillant.*
- *Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.*

Raccordement pour la conservation de la mémoire
Lorsque le fil d'entrée d'alimentation jaune est raccordé, le circuit de la mémoire est alimenté en permanence même si la clé de contact est sur la position d'arrêt.

Remarques sur le raccordement des haut-parleurs
- *Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.*
- *Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms avec une capacité électrique adéquate pour éviter de les endommager.*
- *Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture et ne raccordez pas les bornes des haut-parleurs droit à celles du haut-parleur gauche.*
- *Ne raccordez pas le câble de masse de cet appareil à la borne négative (–) de l'enceinte.*
- *N'essayez pas de raccorder les haut-parleurs en parallèle.*
- *Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec amplificateurs intégrés) aux bornes des haut-parleurs peut endommager l'appareil.*
- *Pour éviter tout dysfonctionnement, n'utilisez pas les fils des haut-parleurs intégrés installés dans votre voiture si l'appareil partage un fil négatif commun (–) pour les haut-parleurs droit et gauche.*
- *Ne raccordez pas entre eux les cordons des haut-parleurs de l'appareil.*

Remarque sur le raccordement
Si les haut-parleurs et l'amplificateur ne sont pas raccordés correctement, le message « FAILURE » s'affiche. Dans ce cas, assurez-vous que les haut-parleurs et l'amplificateur sont bien raccordés.

Connections (E Model)



Connection diagram (3)

❶ **To a metal surface of the car**
First connect the black earth lead, then connect the yellow and red power input leads.

❷ **To the power aerial control lead or power supply lead of aerial booster amplifier**

Notes
- *It is not necessary to connect this lead if there is no power aerial or aerial booster, or with a manually-operated telescopic aerial.*
- *When your car has a built-in FM/AM aerial in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the interface cable of a car telephone**

❺ **To a car's illumination signal**
Be sure to connect the black ground lead to a metal surface of the car first.

❻ **To the +12 V power terminal which is energized in the accessory position of the ignition key switch**

Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times.*
  Be sure to connect the black earth lead to a metal surface of the car first.
- *When your car has a built-in FM/AM aerial in the rear/side glass, see "Notes on the control and power supply leads."*

❼ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black earth lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power aerial control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM aerial in the rear/side glass, connect the power aerial control lead (blue) or the accessory power input lead (red) to the power terminal of the existing aerial booster. For details, consult your dealer.*
- *A power aerial without relay box cannot be used with this unit.*

Memory hold connection
When the yellow power input lead is connected, power will always be supplied to the memory circuit even when the ignition key is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the earth lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Diagrama de conexión (3)

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de toma a tierra negro, y después los cables amarillo y rojo de entrada de alimentación.

❷ **Al cable de control de la antena aérea motorizada o al cable de fuente de alimentación del amplificador de antena aérea**

Notas
- *Si no se dispone de antena aérea motorizada ni de amplificador de antena aérea, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil incorpora una antena aérea de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **Para conectar a AMP REMOTE IN del amplificador de potencia opcional**
Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al cable de interfaz de un teléfono para automóvil**

❺ **A una señal de iluminación del automóvil**
Asegúrese de conectar primero el cable de toma a tierra negro a una superficie metálica del automóvil.

❻ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de la llave de encendido**

Notas
- *Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de toma a tierra negro a una superficie metálica del automóvil.
- *Si el automóvil incorpora una antena aérea de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❼ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de toma a tierra negro a una superficie metálica del automóvil.

Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena aérea motorizada (azul) suministrará cc de +12V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena aérea de FM/AM incorporada en el cristal trasero o lateral, conecte el cable de control de antena aérea motorizada (azul) o el cable de entrada de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena aérea existente. Para obtener más información, consulte con su proveedor.*
- *Con esta unidad no es posible utilizar una antena aérea motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el conductor de entrada amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague la llave de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de toma a tierra de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallos de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si su unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.

線路連接圖（3）

❶ **連接至汽車的金屬表面**
首先連接黑色接地導線，然後再連接黃色和紅色電源輸入導線。

❷ **連接至電動天線控制導線或天線升壓放大器的電源導線**

註
- *如無電動天線或天線升壓器，或有手動套管式天線，便不須連接此導線。*
- *您汽車的後／側玻璃窗中如果有內置 FM/AM 天線，即請參看"控制線和電源線須知"。*

❸ **連接至選購的功率放大器的 AMP REMOTE IN（放大器遙控輸入）**
本連接僅用於放大器。連接任何其它系統可能會損壞本機。

❹ **連接至汽車電話的接口電纜**

❺ **至汽車照明訊號**
務請首先將黑色接地導線連接至汽車的金屬表面。

❻ **連接至在點火鑰匙開關的附件位置上通電的 +12 V 電源端子**

註
- *若沒有附件位置，則請連接至始終通電的 +12 V 電源（電池）端子。*
  必須首先將黑色接地導線連接至汽車的金屬表面。
- *您汽車的後／側玻璃窗中如果有內置 FM/AM 天線，即請參看"控制線和電源線須知"。*

❼ **連接至始終通電的 +12 V 電源端子**
必須首先將黑色接地導線連接至汽車的金屬表面。

控制線和電源線須知
- *接通調諧器電源時，電動天線的控制導線（藍色）便能提供 +12 V 直流電。*
- *若您的汽車後／側玻璃窗上有內置 FM/AM 天線，須將電動天線控制導線（藍色）或輔助電源輸入導線（紅色）連接到現有天線升壓器上的電源端子上。詳細內容請向銷售商諮詢。*
- *本機不能使用不具備繼電器盒的電動天線。*

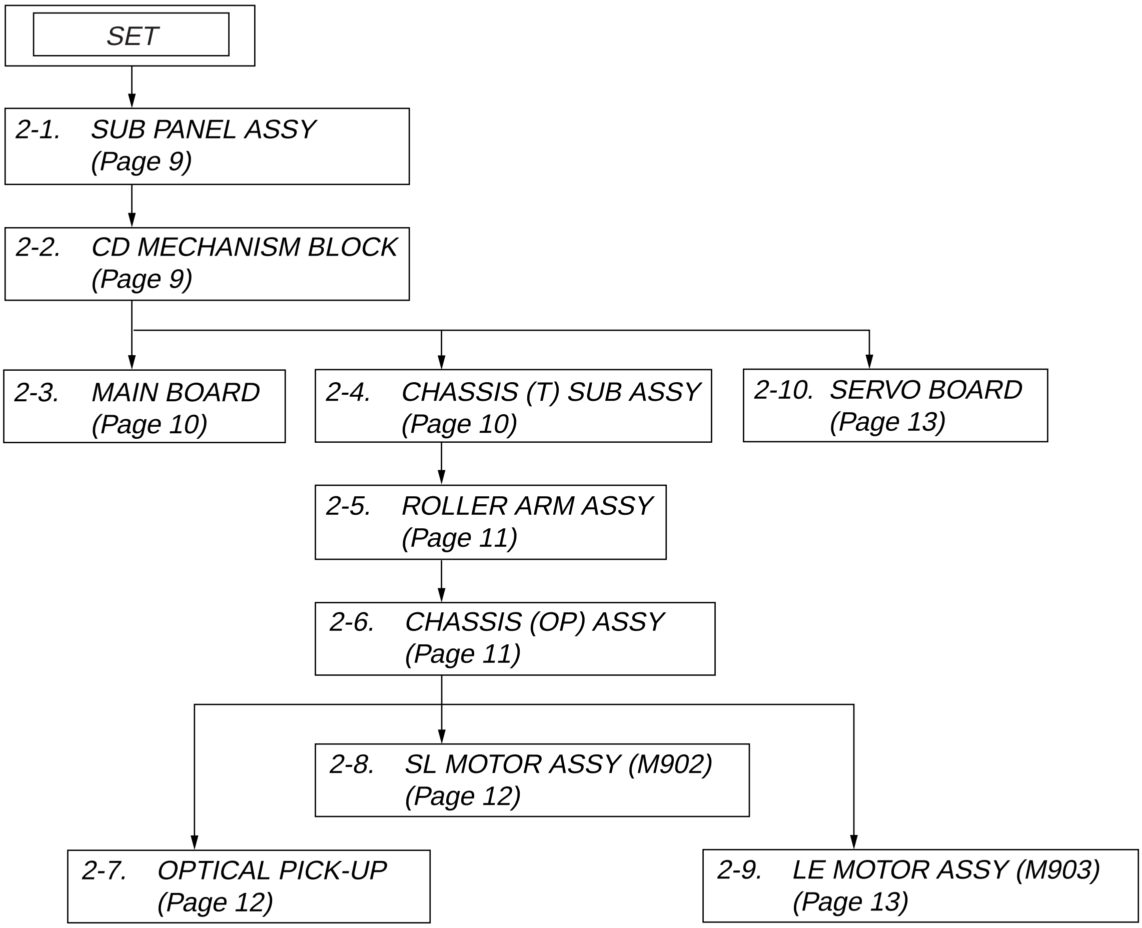
保持記憶的線路連接法
當連接好黃色電源輸入導線時，即使汽車發動機點火鑰匙關閉，電源仍將對記憶電路供電。

連接揚聲器時的注意事項
- *連接揚聲器電線以前，請先關閉本機電源。*
- *使用阻抗爲 4–8Ω 且具有足夠功率處理容量的揚聲器，以免損壞揚聲器。*
- *不要將揚聲器端子連接到車身上，或將右揚聲器端子與左揚聲器端子相連接。*
- *切勿將本機的接地導線連接至揚聲器的負 (–) 接線端。*
- *揚聲器不可並聯連接。*
- *請僅連接無源揚聲器。若將有源揚聲器（帶內置放大器）連接到揚聲器端子上會損壞本機。*
- *若本裝置使用左、右揚聲器的共用負極 (–) 導線，爲了避免故障，切勿使用已安裝在汽車內的內置揚聲器導線。*
- *請勿將本裝置揚聲器導線相互連接。*

有關連接注意事項
如果未正確連接揚聲器和放大器，則顯示幕上會出現"FAILURE"。此時，請正確連接揚聲器和放大器。

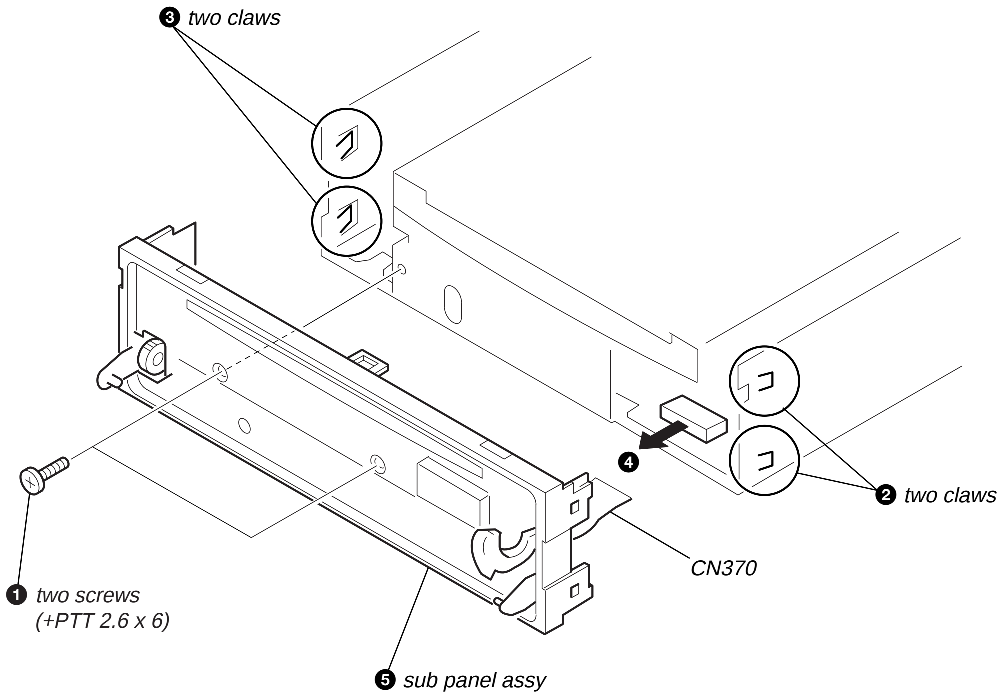
SECTION 2
DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

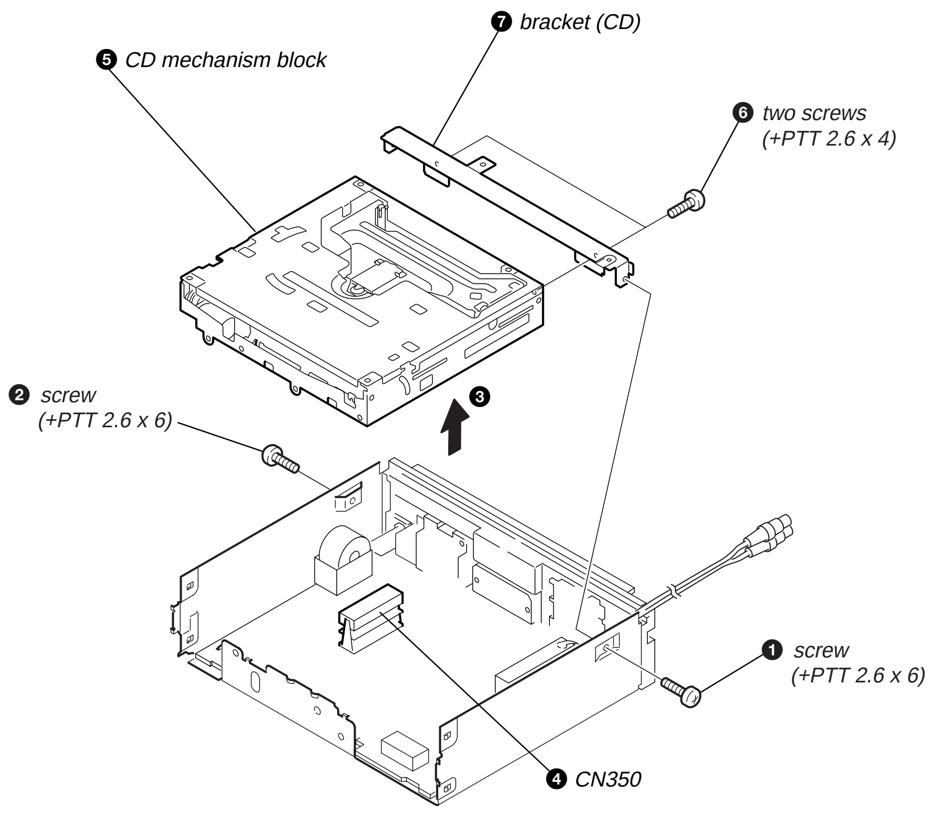


Note : Follow the disassembly procedure in the numerical order given.

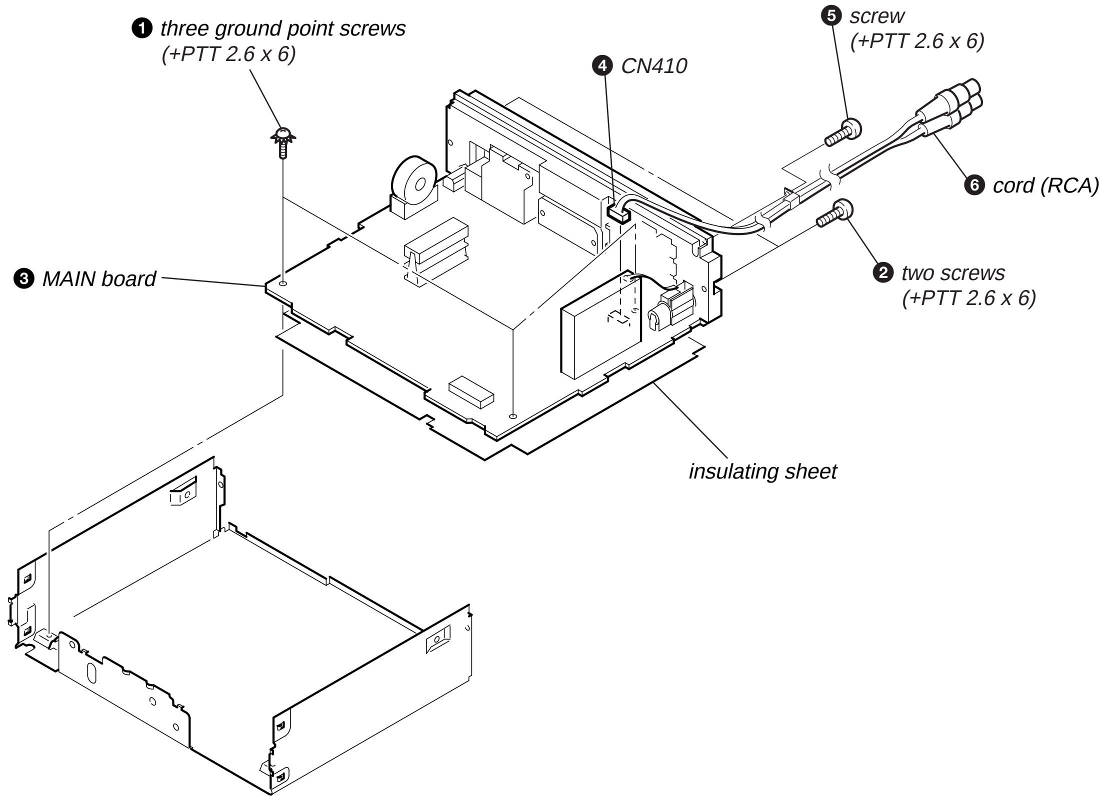
2-1. SUB PANEL ASSY



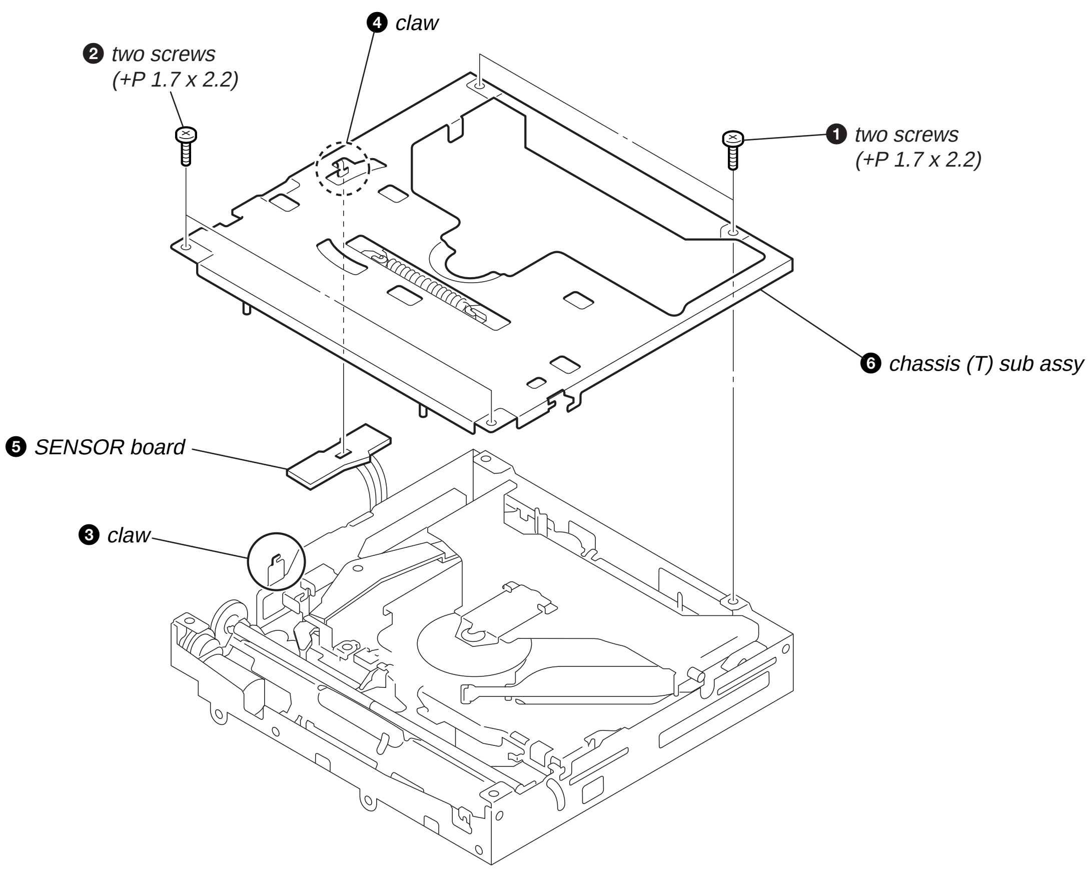
2-2. CD MECHANISM BLOCK



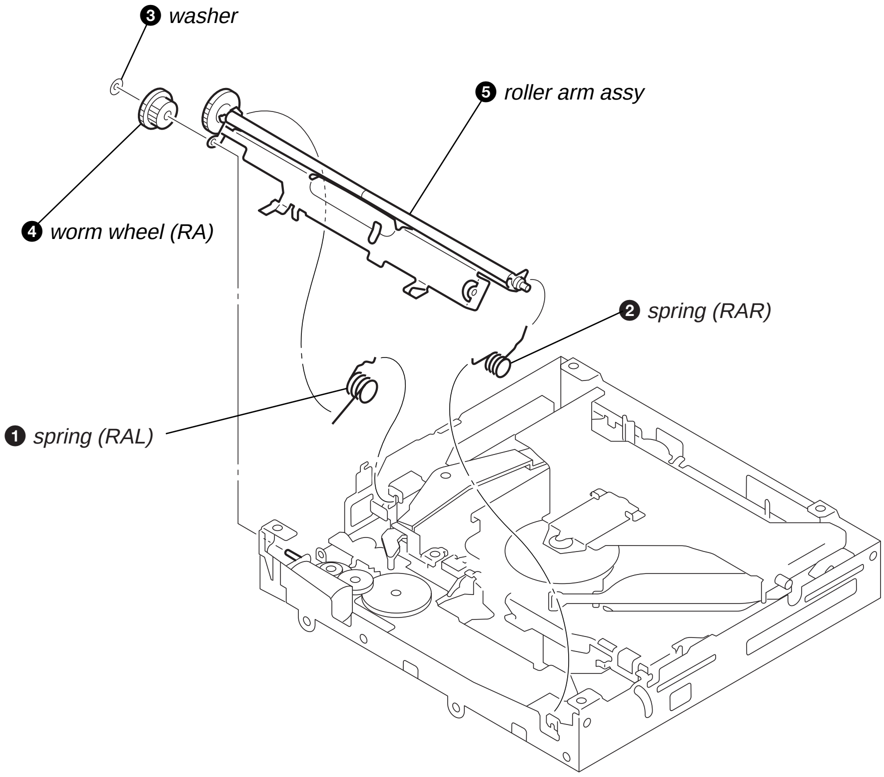
2-3. MAIN BOARD



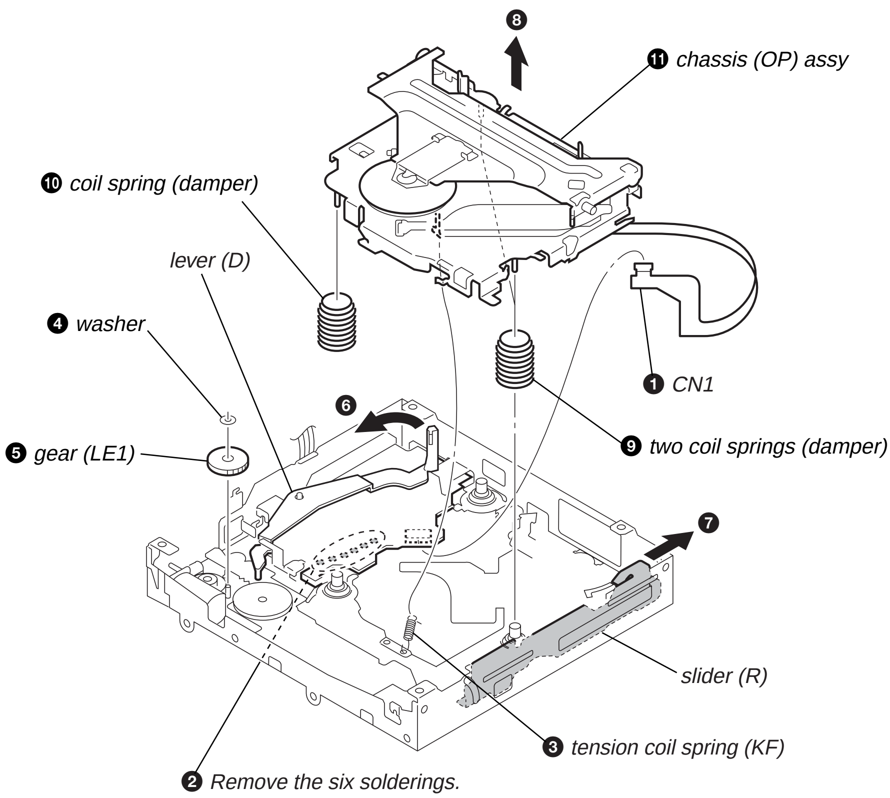
2-4. CHASSIS (T) SUB ASSY



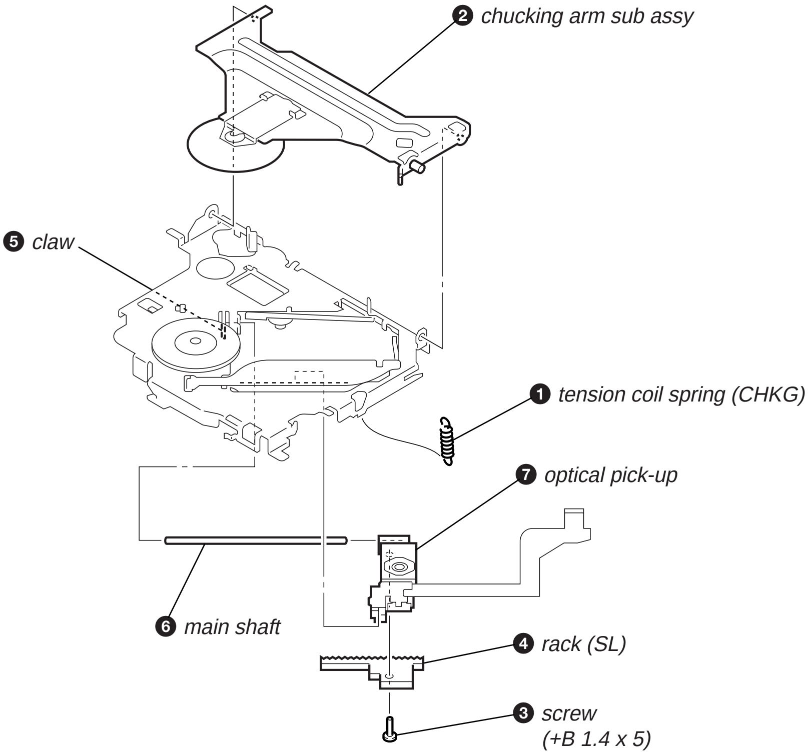
2-5. ROLLER ARM ASSY



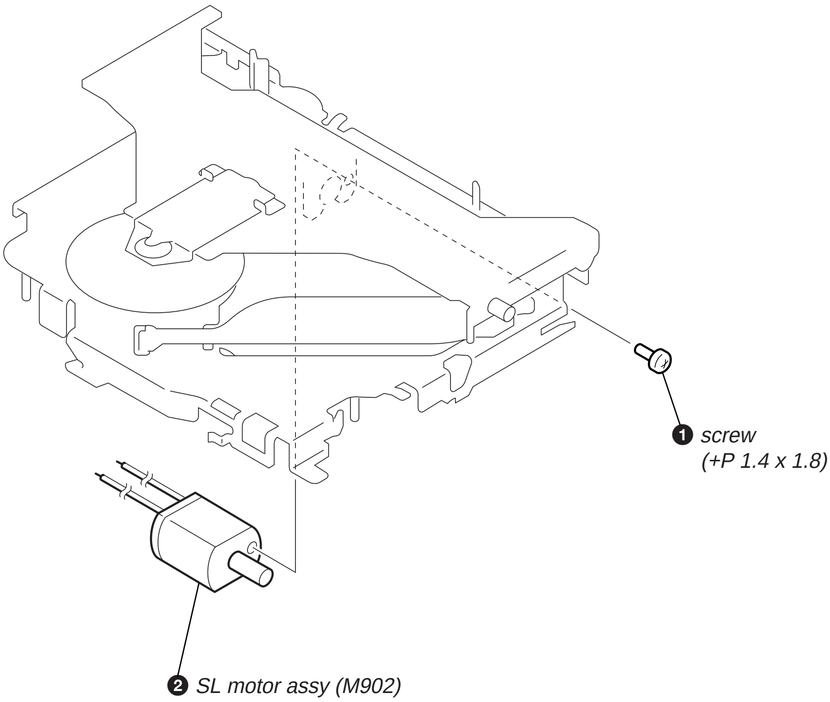
2-6. CHASSIS (OP) ASSY



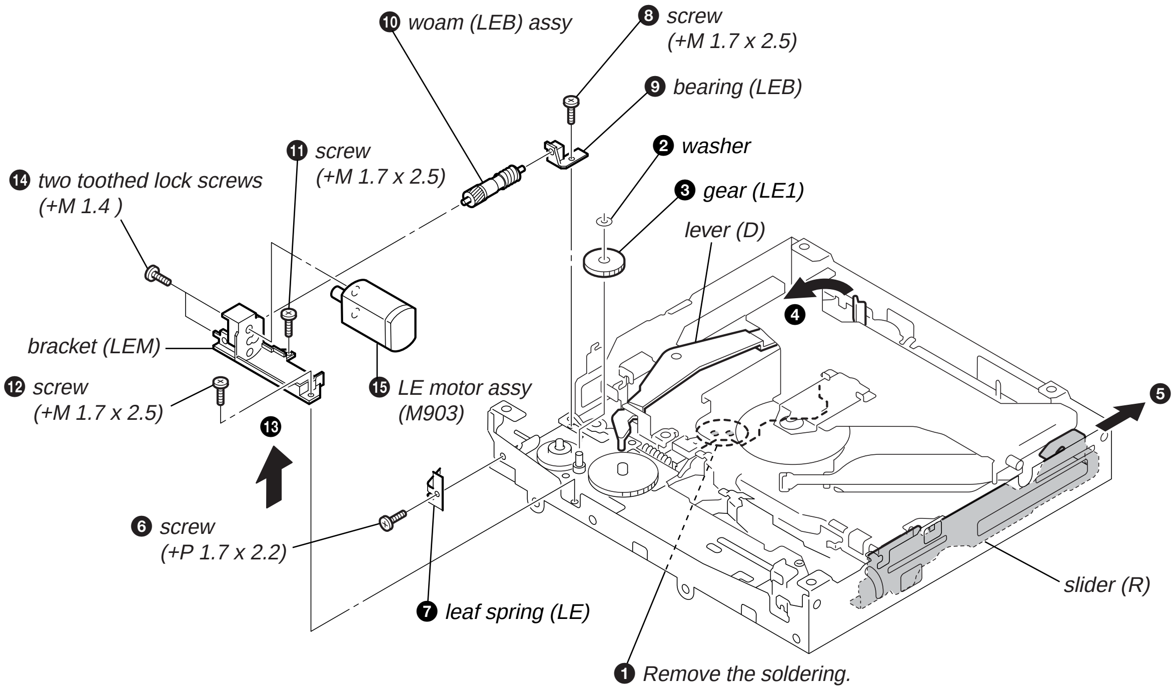
2-7. OPTICAL PICK-UP



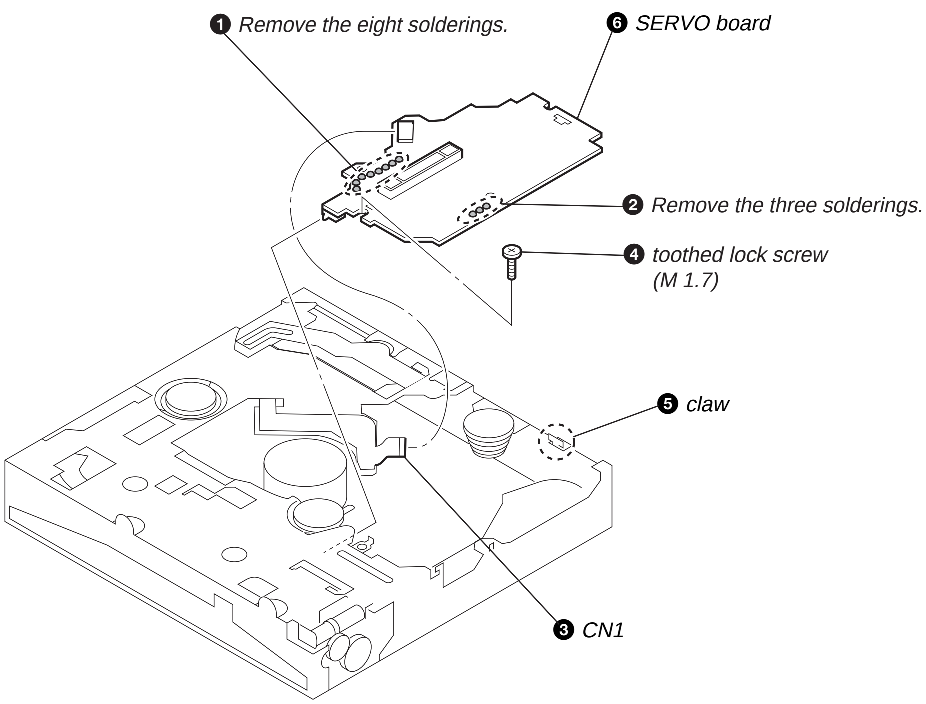
2-8. SL MOTOR ASSY (M902)



2-9. LE MOTOR ASSY (M903)



2-10. SERVO BOARD



SECTION 3
DIAGRAMS

3-1. IC PIN DESCRIPTIONS

• IC3 CXD3059BR (DIGITAL SERVO/DIGITAL SIGNAL PROCESSOR) (SERVO BOARD (1/2))

Pin No.	Pin Name	I/O	Pin Description
1	MIRR	I/O	Mirrer signal input/output
2	DFCT	I/O	Defect signal input/output
3	FOK	I/O	Focus OK signal input/output
4	VSS	—	Ground pin
5	LOCK	I/O	Not used in this set. (Open)
6	MDP	O	Spindle motor servo control signal output
7	SSTP	I	Disc most inner detection signal input
8	IOVSS1	—	Digital ground pin for I/O
9	SFDR	O	Sled drive signal output
10	SRDR	O	Sled drive signal output
11	TFDR	O	Tracking drive signal output
12	TRDR	O	Tracking drive signal output
13	FFDR	O	Focus drive signal output
14	FRDR	O	Focus drive signal output
15	IOVDD1	—	Digital power supply pin for I/O
16	AVDD0	—	Analog power supply pin
17	AVSS0	—	Analog ground pin
18	NC	—	Not used. (Open)
19	E	I	E signal input
20	F	I	F signal input
21	TEI	I	Tracking error signal input from the DSSP block
22	TEO	O	Tracking error signal output to the RF amp block
23	FEI	I	Focus error signal input from the DSSP block
24	FEO	O	Focus error signal output to the RF amp block
25	VC	I/O	VC voltage output to the RF amp block Center voltage input from the DSSP block by command select
26	A	I	A signal input
27	B	I	B signal input
28	C	I	C signal input
29	D	I	D signal input
30	NC	—	Not used. (Open)
31	AVDD4	—	Analog power supply pin
32	RFDCO	I/O	RFDC signal output RFDC signal input from the DSSP block by command select
33	PDSENS	I	Reference voltage input for PD
34	AC SUM	O	RFAC suming amp signal output
35	EQ IN	I	Equalizer circuit signal input
36	LD	O	APC amp signal output
37	PD	I	APC amp signal input
38	NC	—	Not used. (Open)
39	RFC	I	EQ cut off frequency adjustment input
40	AVSS4	—	Analog ground pin
41	RFACO	O	RFAC signal output
42	RFACI	I	RFAC signal input or EFM signal input
43	AVDD3	—	Analog power supply pin
44	BIAS	I	Asymmetry circuit constant current input
45	ASYI	I	Asymmetry comparate voltage input
46	ASYO	O	EFM full swing signal output
47	VPCO	O	Charge pump output for wideband EFM PLL
48	VCTL	I	VCO2 control voltage input for wideband EFM PLL
49	AVSS3	—	Analog ground pin

Pin No.	Pin Name	I/O	Pin Description
50	CLTV	I	VCO1 control voltage input
51	FILO	O	Filter signal output for master PLL
52	FILI	I	Filter signal input for master PLL
53	PCO	O	Charge pump output for master PLL
54	AVDD5	—	Analog power supply pin
55	DDVROUT	O	DC/DC converter output
56	DDVRSEN	I	DC/DC converter output voltage monitor signal input
57	AVSS5	—	Analog ground pin
58	DDCR	I	Reset signal input for DC/DC converter
59	NC	—	Not used. (Open)
60	BCKI	I	D/A interface bit clock signal input
61	PCMDI	I	D/A interface serial data signal input
62	LRCKI	I	D/A interface LR clock signal input
63	LRCK	O	D/A interface LR clock signal output
64	VSS	—	Digital ground pin for internal
65	PCMD	O	D/A interface serial data signal output
66	BCK	O	D/A interface bit clock signal output
67	VDD	—	Digital power supply pin for internal
68	EMPH	O	Not used in this set. (Open)
69	EMPHI	I	Not used in this set. (Fixed at “L”.)
70	IOVDD2	—	Digital power supply pin for I/O
71	DOUT	O	Digital out signal output
72, 73	TEST	I	Test pin Normally “L”.
74	IOVSS2	—	Digital ground pin for I/O
75	NC	—	Not used in this set. (Open)
76	XVSS	—	Ground pin for master clock
77	XTAO	O	Crystal oscillation circuit output (16.9344 MHz)
78	XTAI	I	Crystal oscillation circuit input (16.9344 MHz)
79	XVDD	—	Power supply pin for master clock
80	AVDD1	—	Analog power supply pin
81	AOUT1	O	L channel analog signal output
82	VREFL	O	L channel reference voltage output
83	AVSS1	—	Analog ground pin
84	AVSS2	—	Analog ground pin
85	VREFR	O	R channel reference voltage output
86	AOUT2	O	R channel analog signal output
87	AVDD2	—	Analog power supply pin
88	NC	—	Not used. (Open)
89	IOVDD0	—	Digital power supply pin for I/O
90	RMUT	O	R channel “0” detection flug output
91	LMUT	O	L channel “0” detection flug output
92	NC	—	Not used. (Open)
93	XTSL	I	X’tal select signal input 16.9344 MHz: “L”, 33.8688 MHz: “H”
94	IOVSS0	—	Digital ground pin for I/O
95	XTACN	I	Oscillation circuit control input “H”: Oscillation start, “L”: Oscillation stop
96	SQSO	O	Sub 80 bit and PCM peak, level data signal output CD text data signal output
97	SQCK	I	Clock signal input for SQSO read out
98	SBSO	O	Sub P-W serial data signal output Not used in this set. (Open)
99	EXCK	I	Clock signal input for SBSO read out Not used in this set. (Open)
100	XRST	I	System reset signal input “L”: reset
101	SYSM	I	Mute signal input “H”: mute Not used in this set. (Fixed at “L”.)
102	DATA	I	Serial data signal input
103	VSS	—	Digital ground pin for internal

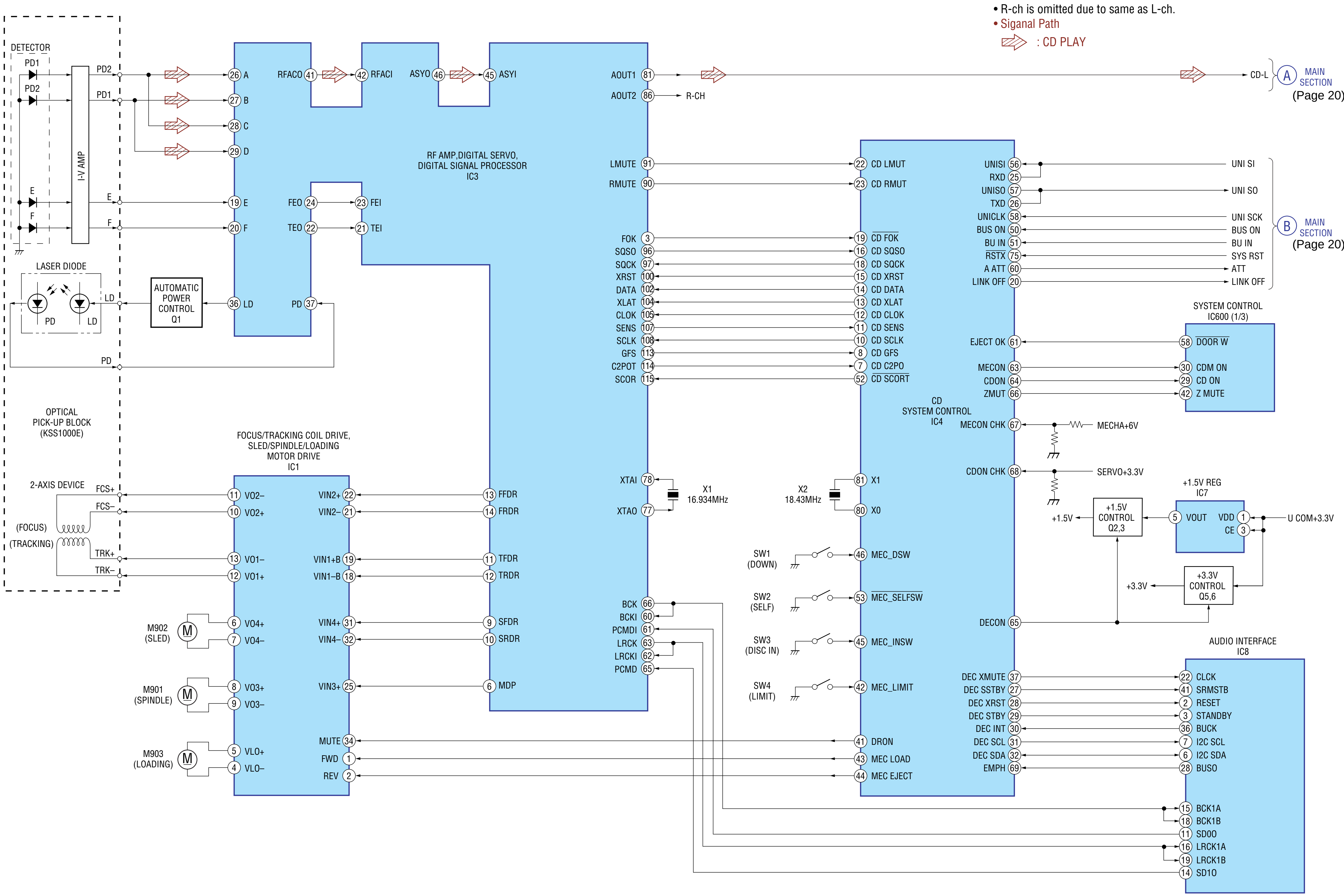
Pin No.	Pin Name	I/O	Pin Description
104	XLAT	I	Latch signal input
105	CLOK	I	Serial data transfer clock signal input
106	VDD	—	Digital power supply pin for internal
107	SENS	O	SENS signal output
108	SCLK	I	Clock signal input for SENS serial data read out
109	ATSK	I/O	Input/output for anti-shock
110	WFCK	O	WFCK signal output Not used in this set. (Open)
111	XUGF	O	XUGF signal output Not used in this set. (Open)
112	XPCK	O	XPCK signal output Not used in this set. (Open)
113	GFS	O	GFS signal output
114	C2PO	O	C2PO signal output
115	SCOR	O	Sub code sync signal output
116	VDD	—	Digital power supply pin for internal
117	C4M	O	4.2336 MHz signal output Not used in this set. (Open)
118	WDCK	O	Word clock signal output Not used in this set. (Open)
119	COUT	I/O	Track count signal input/output Not used in this set. (Open)
120	NC	—	Not used. (Open)

• IC600 MN101E01KDG (SYSTEM CONTROL) (MAIN BOARD (2/2))

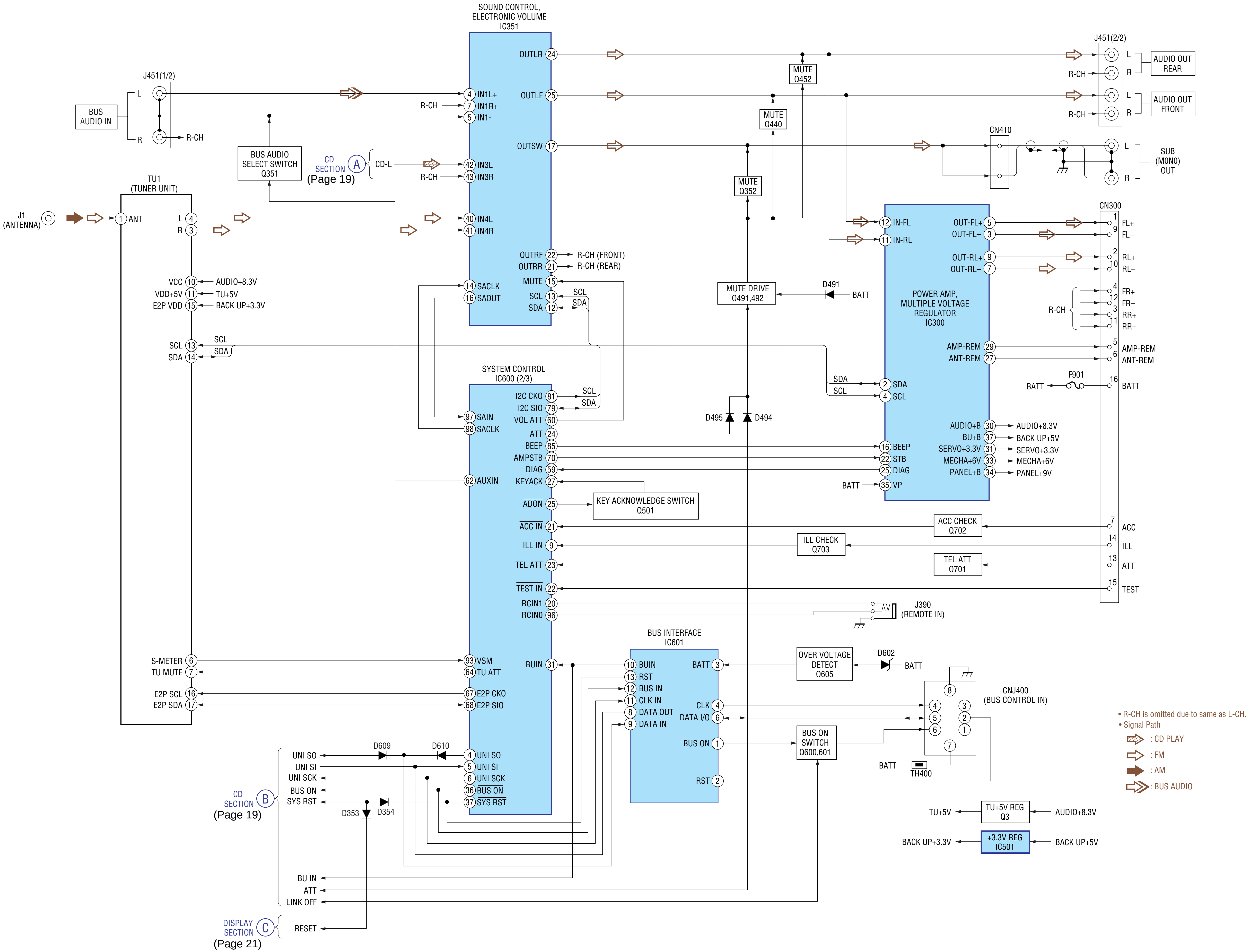
Pin No.	Pin Name	I/O	Pin Description
1	DAVDD	—	Power supply pin for D/A output converter (+3.3 V)
2	NCO	O	Not used in this set. (Open)
3	DAVSS	—	Ground pin for D/A output converter
4	UNISO	O	SONY-BUS data signal output
5	UNISI	I	SONY-BUS data signal input
6	UNICKO	O	SONY-BUS clock signal output
7, 8	RE 0, RE 1	I	Rotary encoder signal input
9	ILLIN	I	Illumination signal input for auto dimmer H: Ill off, L: Ill on
10	VDD1	—	Power supply pin for internal core (+3.3 V)
11	MMOD	I	Flash microcomputer write detection signal input
12	OSCOUT	O	High speed operation clock signal output (27.648 MHz)
13	OSCIN	I	High speed operation clock signal input (27.648 MHz)
14	VSS1	—	Ground pin for internal core
15	XIN	I	Low speed operation clock signal input (32.768 kHz)
16	XOUT	O	Low speed operation clock signal output (32.768 kHz)
17	VDD2	—	Power supply pin for internal core (+3.3 V)
18	MOD1	—	Pull up: “H”
19	RESET	I	Reset signal input
20	RCIN1	I	Rotary shift commander shift key signal input
21	ACC IN	I	Accessory power supply detection signal input
22	TEST IN	I	Test mode detection signal input
23	TEL ATT	I	Telephone attenuate detection signal input
24	ATT	O	Audio mute control signal output
25	ADON	O	A/D converter power supply control signal output
26	NCO	O	Not used in this set. (Open)
27	KEYACK	I	Key acknowledge detection signal input
28	TU ATTIN	I	Tuner mute ZERO cross detection signal input
29	CDON	I	CD mechanism servo power supply control signal input
30	CDMON	I	CD mechanism loading +6V power supply control signal input
31	BUIN	I	Back up power supply detection signal input
32 to 35	NCO	O	Not used in this set. (Open)
36	BUSON	O	BUS on signal output
37	SYSRST	O	System reset signal output
38 to 41	NCO	O	Not used in this set. (Open)
42	Z MUTE	I	CD mechanism zero cross mute detection signal input
43 to 48	NCO	O	Not used in this set. (Open)
49	ILL VSEL	O	Not used in this set. (Open)
50	BBE SEL	I	BBE with/without setting pin L: with, H: without Not used in this set. (Open)
51	AREASEL2	I	Destination function setting input 2 Not used in this set. (Open)
52	AREASEL1	I	Destination function setting input 1
53	AREASEL0	I	Destination function setting input 0
54 to 57	NCO	O	Not used in this set. (Open)
58	DOOR SW	I	Front panel open/close detection signal input “L”: Panel close, “H”: Panel open
59	DIAG	I	Condition signal input from the power IC
60	VOLATT	O	Electronic volume attenuate control signal output
61	NOSE SW	I	Front panel attachment detection signal input L: Panel on
62	AUX IN	O	AUX light change signal output L: AUX, H: BUS in
63	VSS2	—	Ground pin for I/O port
64	TU ATT	O	Tuner mute control signal output
65	NCO (TUON)	O	Not used in this set. (Open)
66	NS MASK	O	AEP, UK model: Noise mask signal output US, Canadian, E model: Not used. (Open)
67	E2P CKO	O	Serial clock signal output for EEPROM communication

Pin No.	Pin Name	I/O	Pin Description
68	E2P SIO	I/O	Serial data signal input/output for EEPROM communication
69	DOORIND	O	Sub panel power supply control signal output
70	AMPSTB	O	Power regulator IC standby signal output
71	NCO	O	Not used in this set. (Open)
72	LCDSO	O	Serial data signal output to the LCD driver Flash: UART serial output
73	LCDCE	O	Chip enable signal output to the LCD driver Flash: Serial input
74	LCDCKO	O	Serial clock signal output to the LCD driver
75 to 78	NCO	O	Not used in this set. (Open)
79	I2C SIO	I/O	I2C BUS serial data signal input/output
80	NCO	O	Not used in this set. (Open)
81	I2C CKO	O	I2C BUS serial clock signal output
82	DAVN	I	AEP, UK model: RDS data block synchronization detection signal input US, Canadian, E model: Not used. (Open)
83	SIRCS	I	Remote control signal input
84	NCO	O	Not used in this set. (Open)
85	BEEP	O	Beep signal output to the power amp
86 to 88	NCO	O	Not used in this set. (Open)
89	VDD3	—	Power supply pin for I/O port (+3.3 V)
90	NCO	O	Not used in this set. (Open)
91	VSS3	—	Ground pin for I/O port
92	QUALITY	I	AEP, UK model: Noise detection signal input US, Canadian, E model: Not used. (Open)
93	VSM	I	S meter voltage detection signal input
94	KEYIN1	I	Key signal input 1
95	KEYIN0	I	Key signal input 0
96	RCIN0	I	Rotary commander signal input
97	SA IN	I	Spectrum analyzer signal input
98	SA CLK	O	Spectrum analyzer clock signal output
99	NCO	O	Not used in this set.
100	VREF+	—	Power supply pin for A/D input converter

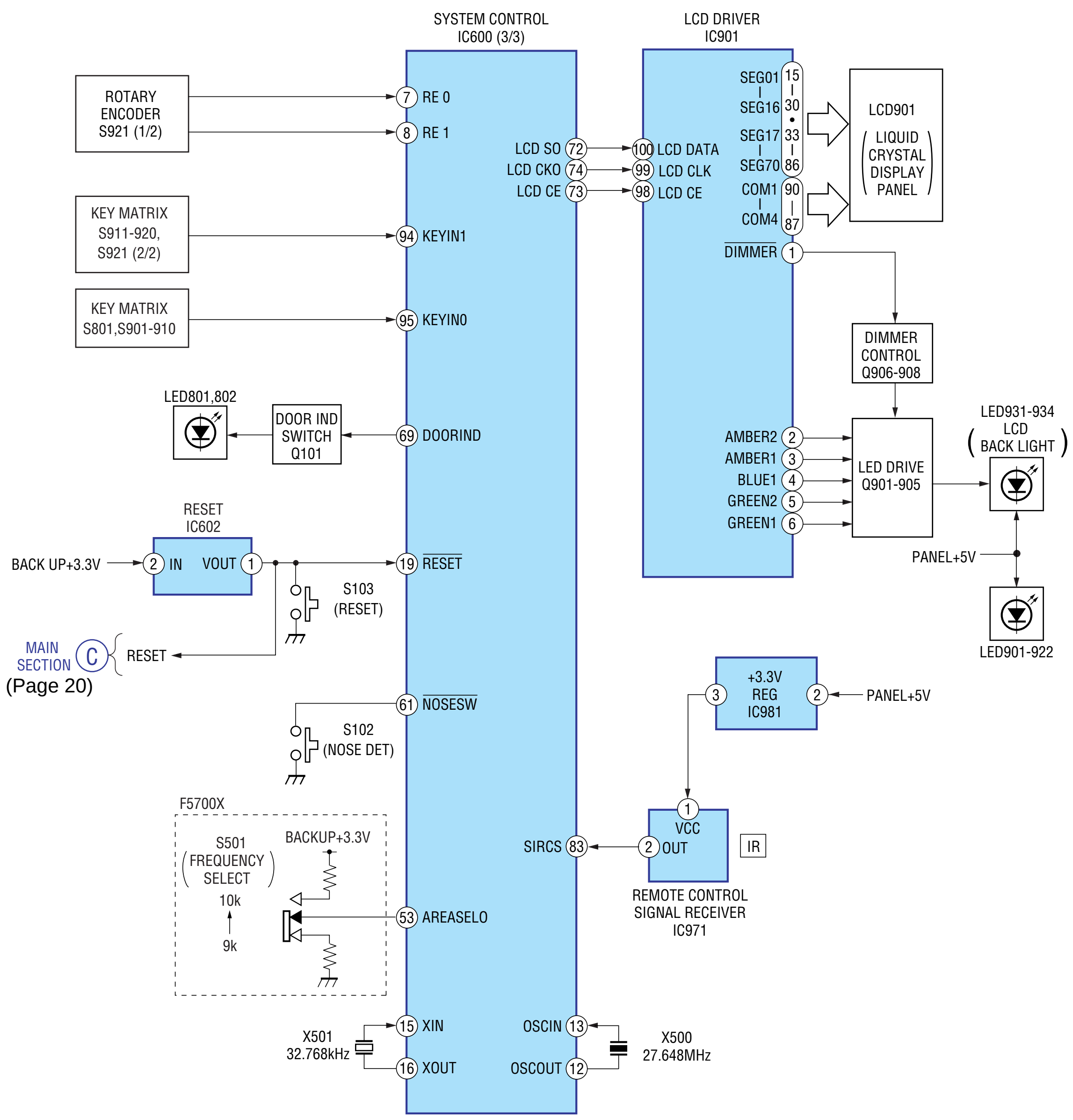
3-2. BLOCK DIAGRAM — CD SECTION —



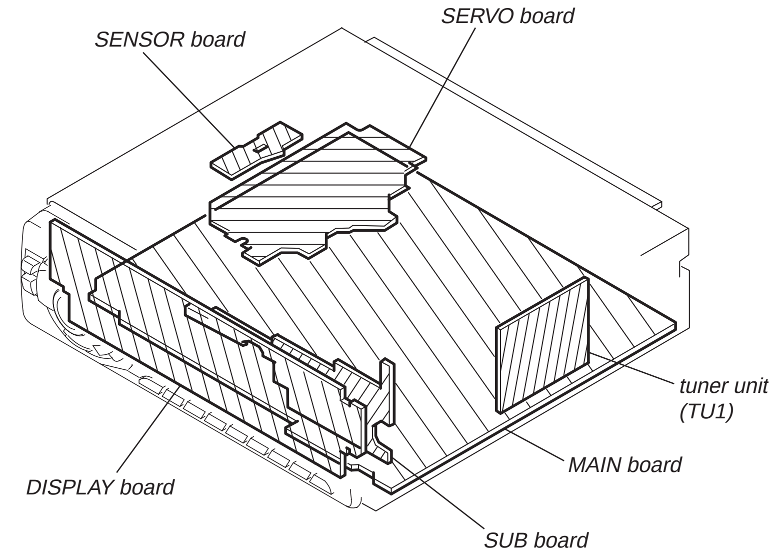
3-3. BLOCK DIAGRAM — MAIN SECTION —



3-4. BLOCK DIAGRAM — DISPLAY SECTION —



3-5. CIRCUIT BOARDS LOCATION



3-6. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For schematic diagrams.
Note:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.

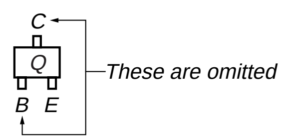
Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

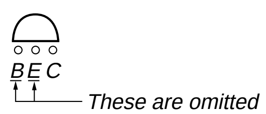
- : B+ Line.
- : B– Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- CD mechanism section (1/2), (2/2)
  no mark : CD PLAY
- Main (1/2), (2/2) and Display sections
  no mark : FM
  ( ) : AM
  < > : CD PLAY
  * : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : CD PLAY
  : FM
  : AM
  : BUS AUDIO
- Abbreviation
  CND : Canadian model.

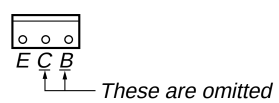
For printed wiring boards.
Note:
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- ○ : Through hole.
- : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.



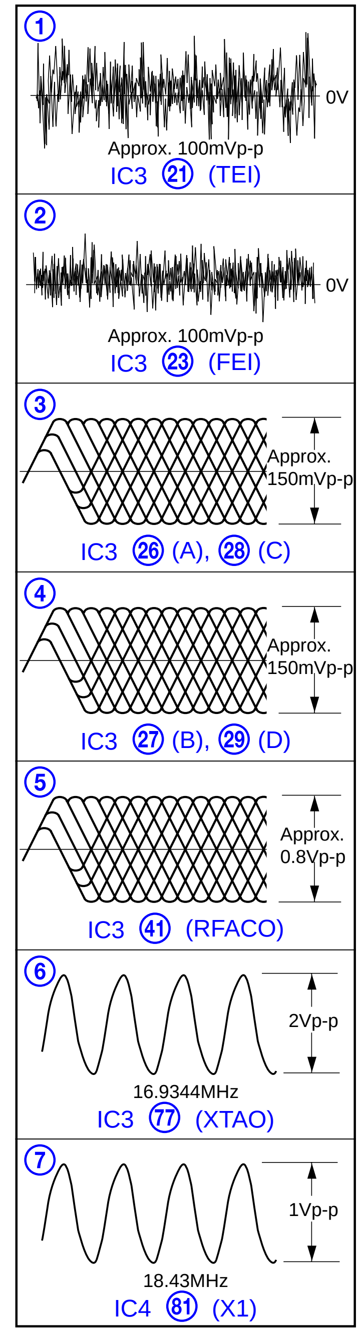




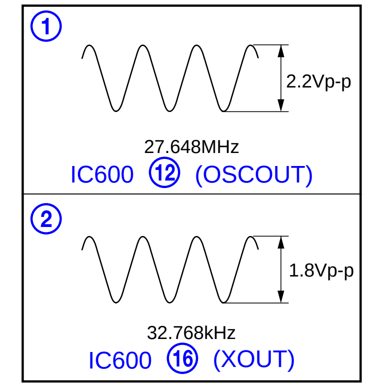
- Abbreviation
  CND : Canadian model.

3-7. WAVEFORMS

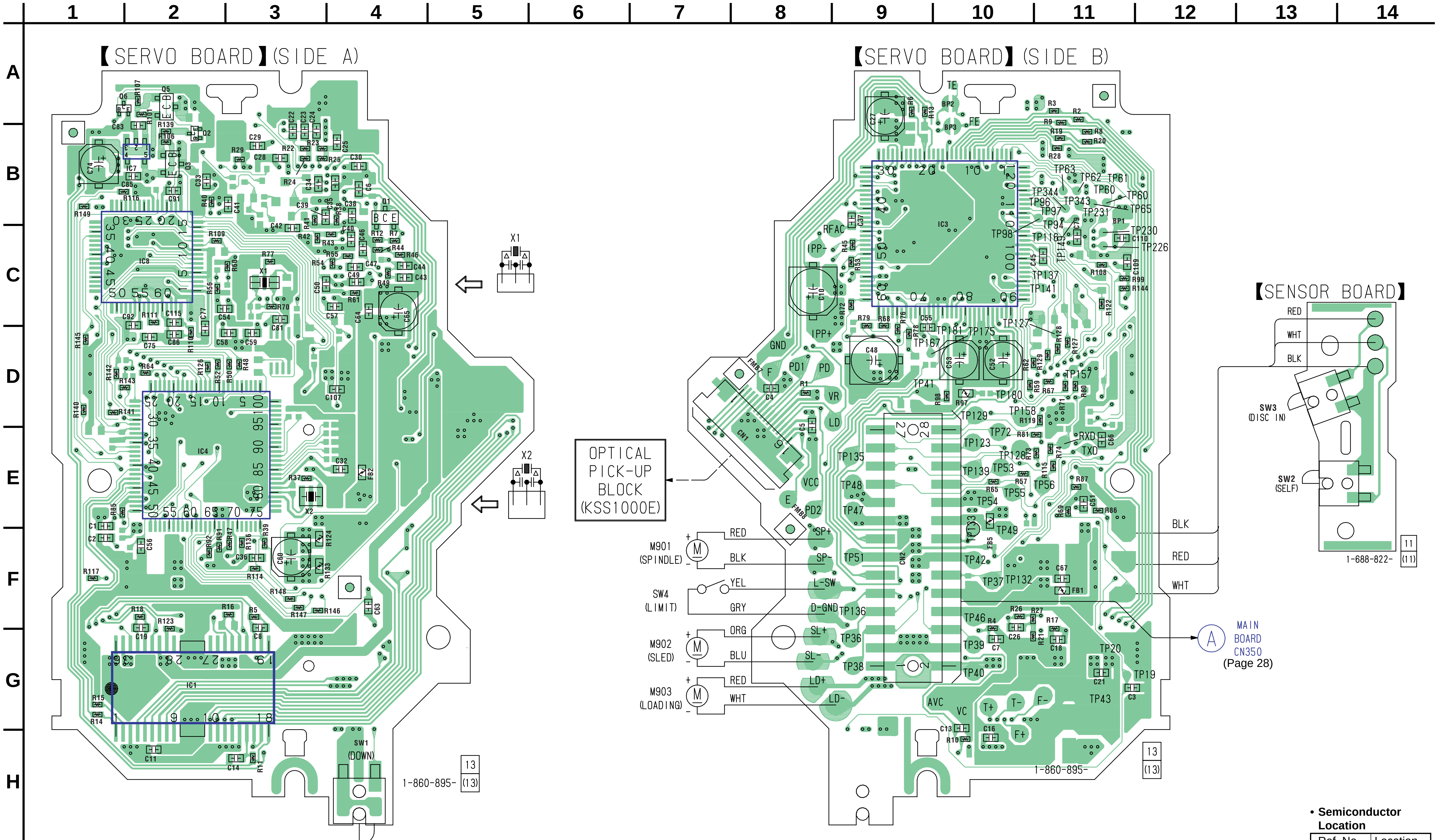
— Servo Board —
(MODE: CD PLAY)



— Main Board —



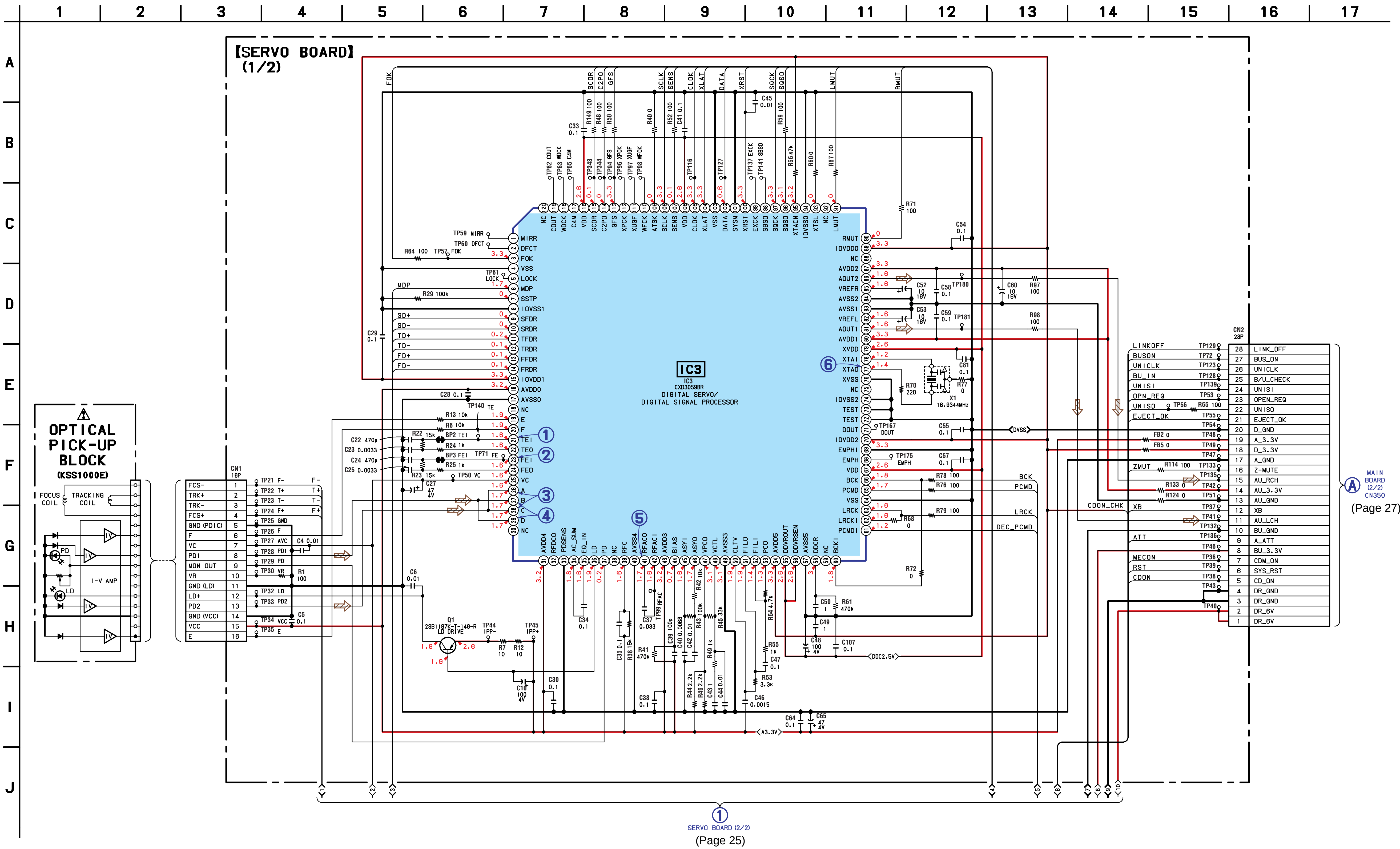
3-8. PRINTED WIRING BOARDS — CD MECHANISM SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



• **Semiconductor Location**

Ref. No.	Location
IC1	G-2
IC3	C-10
IC4	E-2
IC7	B-2
IC8	C-2
Q1	C-4
Q2	B-2
Q3	B-2
Q5	A-2
Q6	A-2

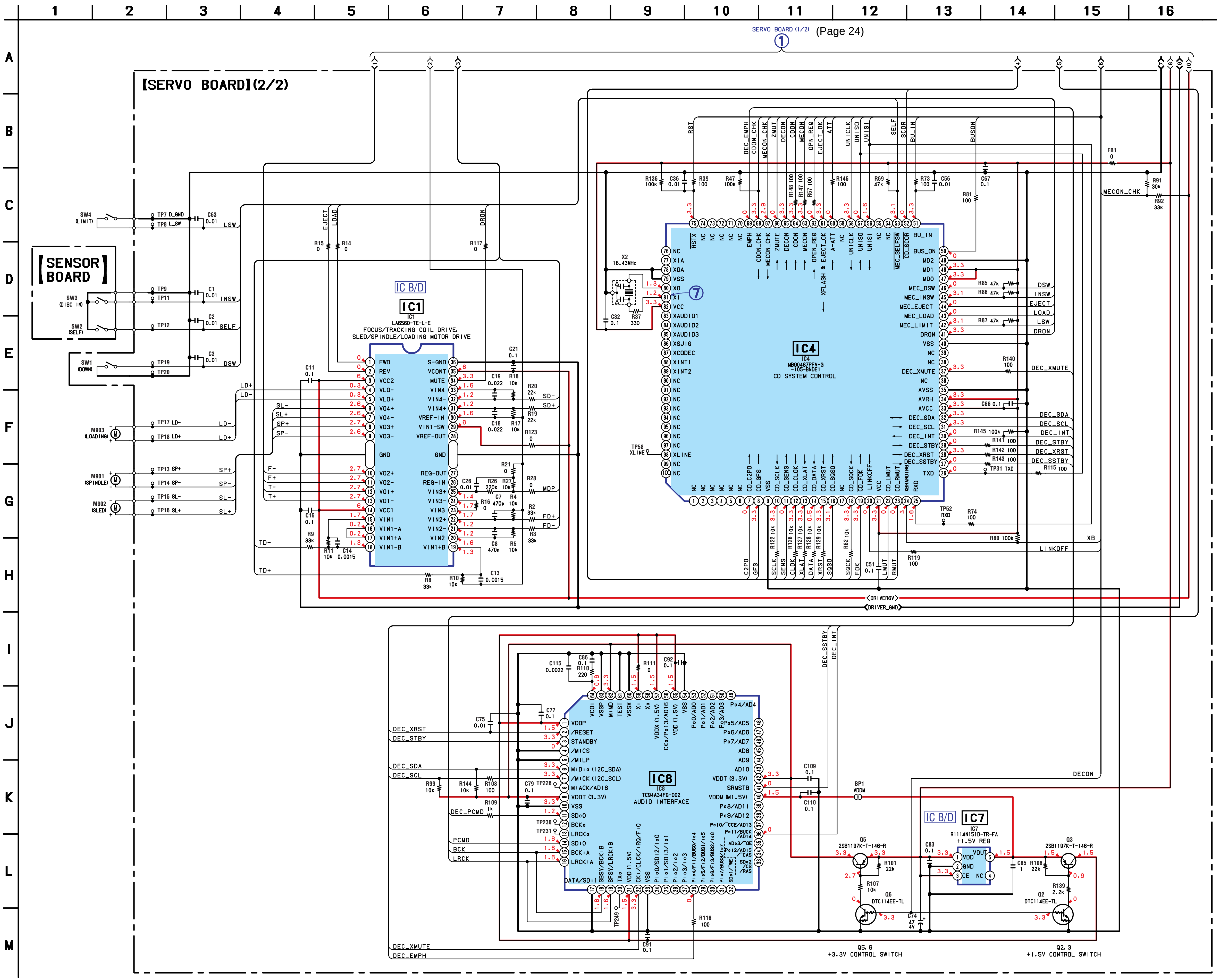
3-9. SCHEMATIC DIAGRAM — CD MECHANISM SECTION (1/2) — • Refer to page 22 for Waveforms.



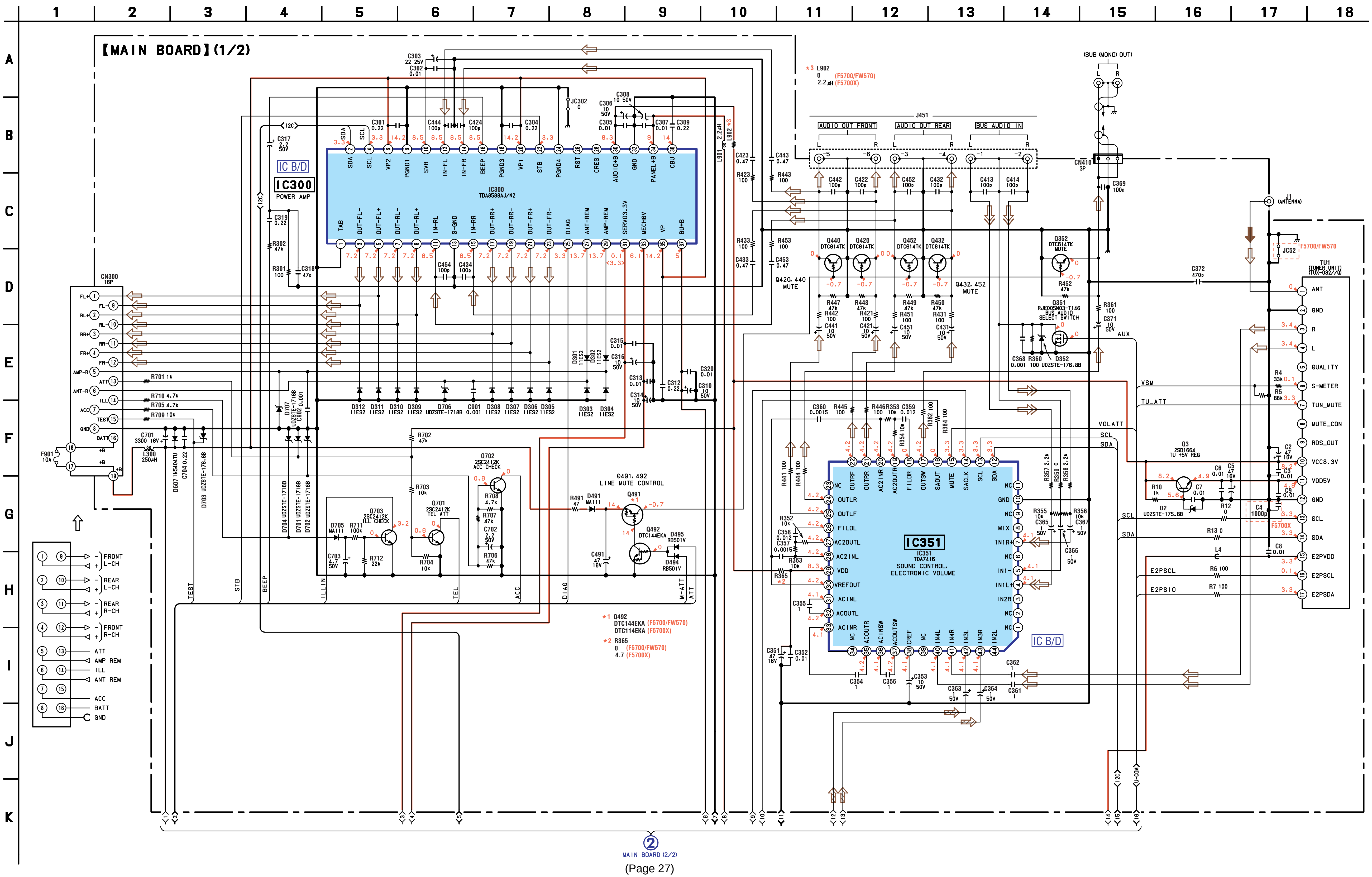
• Refer to page 22 for Waveform.

3-10. SCHEMATIC DIAGRAM — CD MECHANISM SECTION (2/2) —

• Refer to page 32 for IC Block Diagrams.

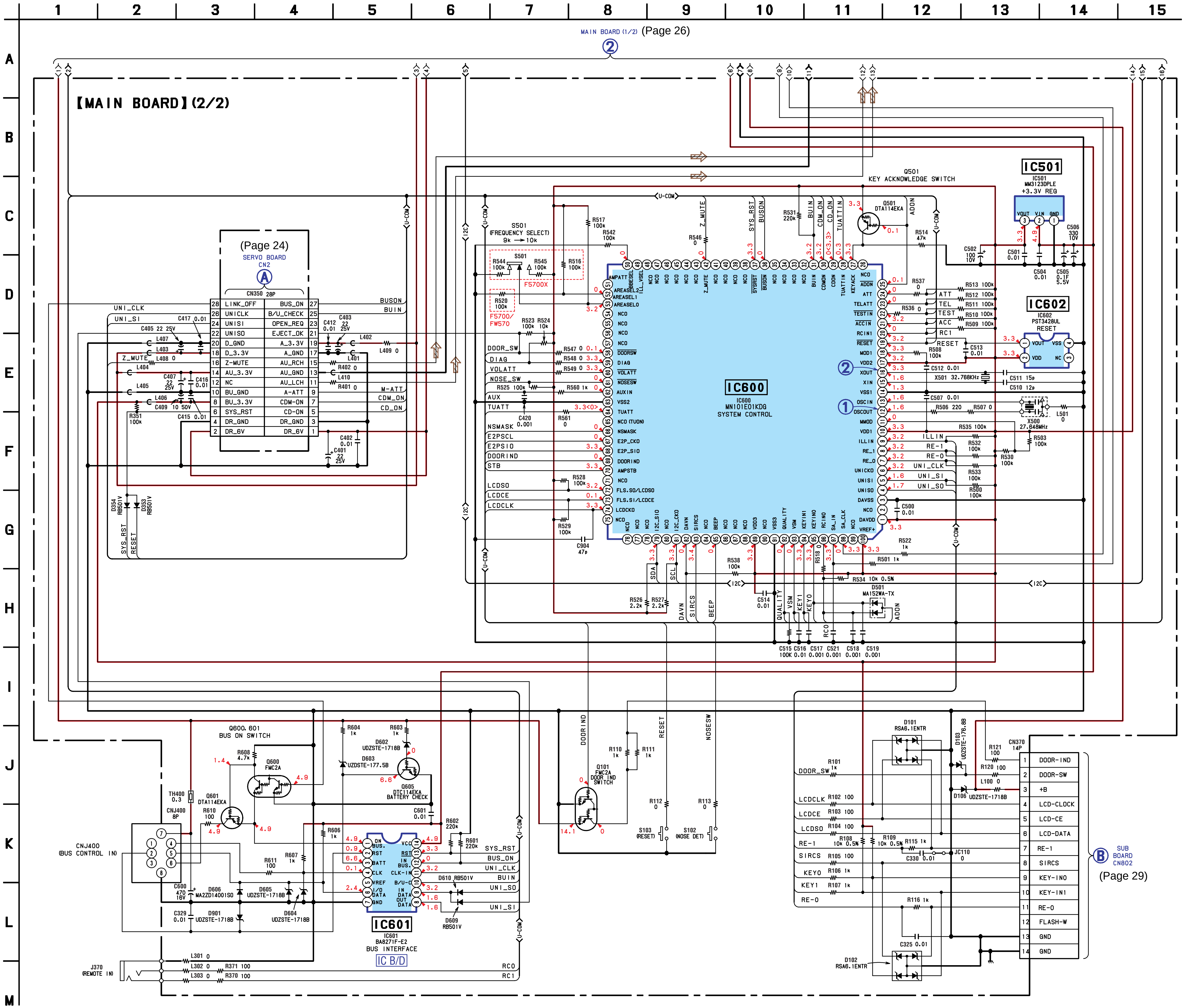


3-11. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 32 for IC Block Diagrams.



• Refer to page 22 for Waveforms.

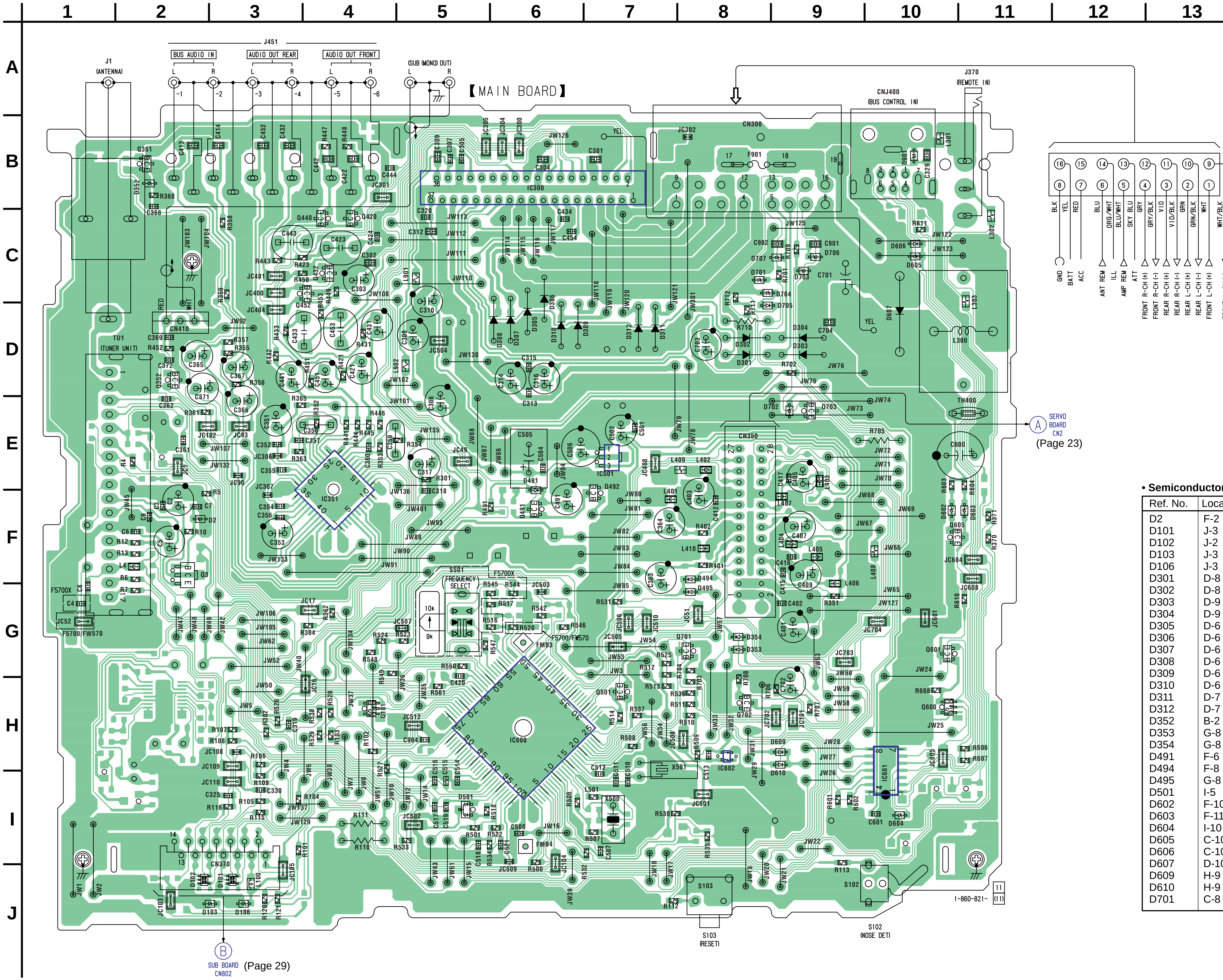
3-12. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 33 for IC Block Diagram.



3-13. PRINTED WIRING BOARD — MAIN SECTION —

• Refer to page 21 for Circuit Boards Location.

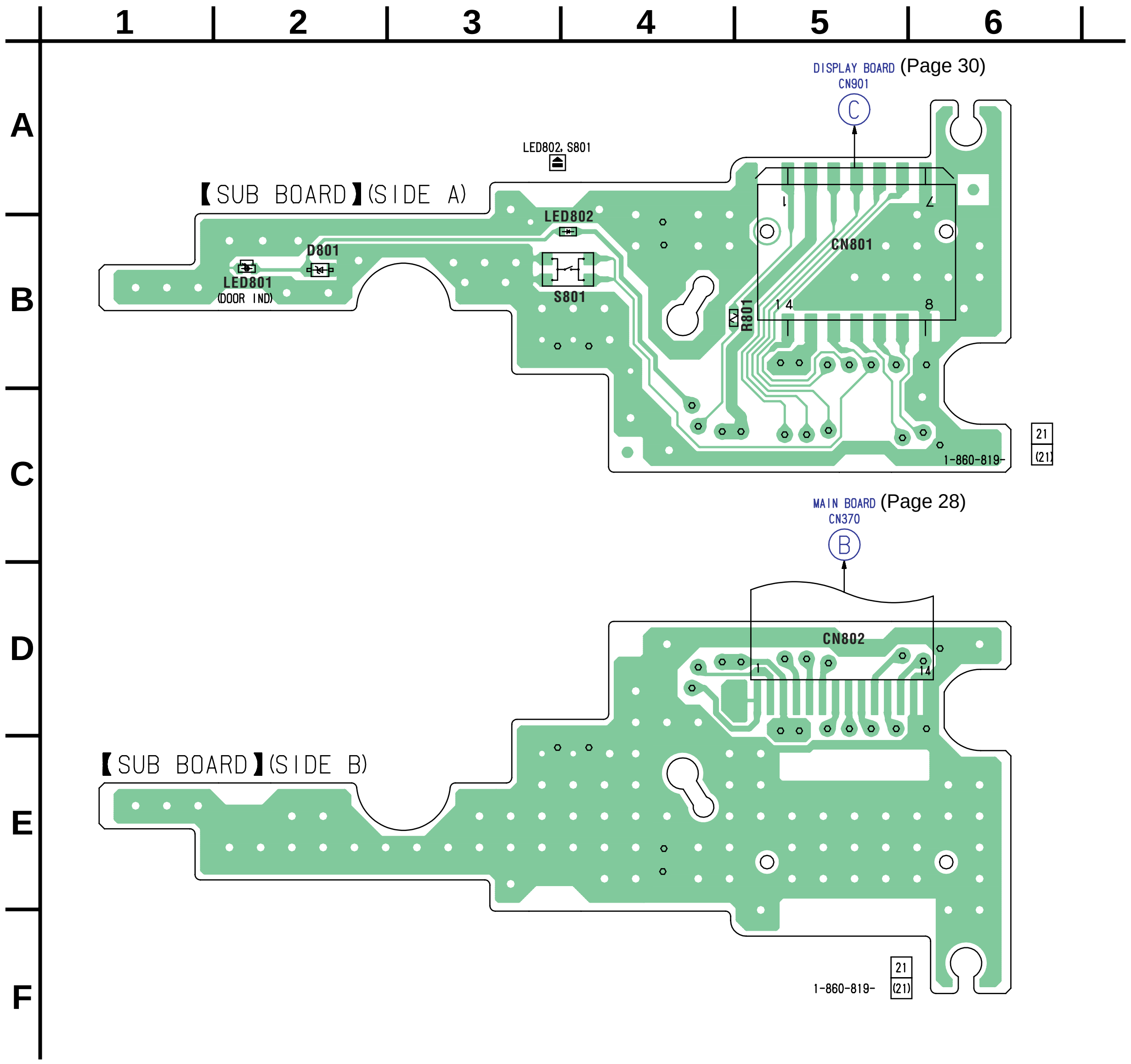
: Uses unleaded solder.



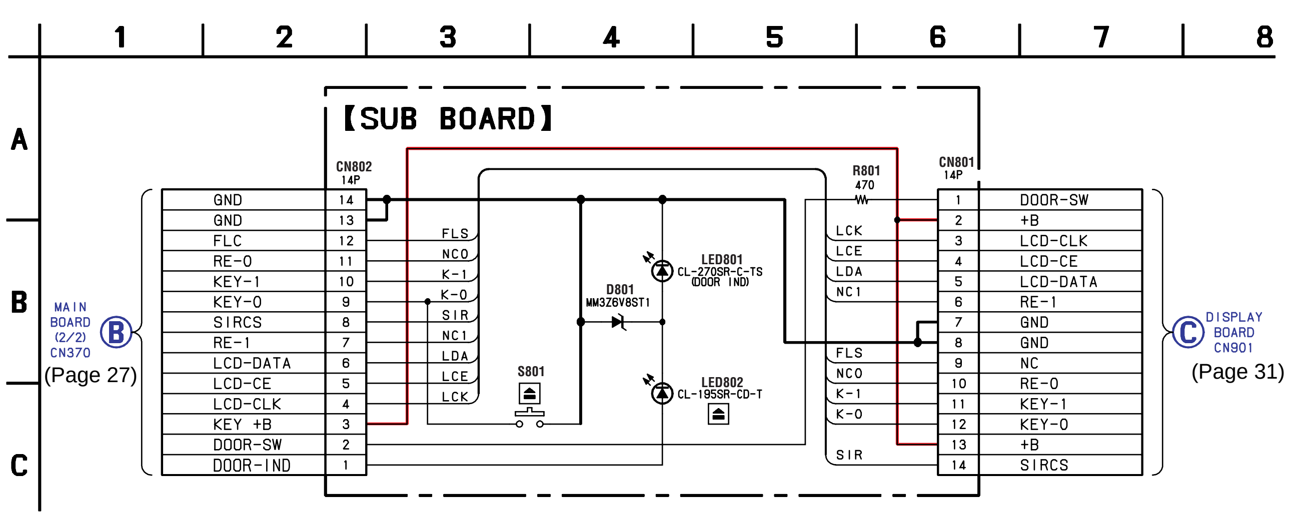
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D2	F-2	D702	E-9
D101	J-3	D703	C-9
D102	J-2	D704	C-9
D103	J-3	D705	D-9
D106	J-3	D706	C-9
D301	D-8	D707	C-8
D302	D-8	D901	B-10
D303	D-9		
D304	D-9	IC300	B-6
D305	D-6	IC351	F-4
D306	D-6	IC501	E-7
D307	D-6	IC600	H-6
D308	D-6	IC601	I-10
D309	D-6	IC602	H-8
D310	D-6		
D311	D-7	Q3	F-2
D312	D-7	Q101	H-4
D352	B-2	Q351	B-2
D353	G-8	Q352	D-2
D354	G-8	Q420	C-4
D491	F-6	Q432	C-4
D494	F-8	Q440	C-4
D495	G-8	Q452	C-4
D501	I-5	Q491	F-6
D602	F-10	Q492	F-7
D603	F-11	Q501	H-7
D604	I-10	Q600	H-10
D605	C-10	Q601	G-10
D606	C-10	Q605	F-10
D607	D-10	Q701	G-8
D609	H-9	Q702	H-8
D610	H-9	Q703	E-9
D701	C-8		

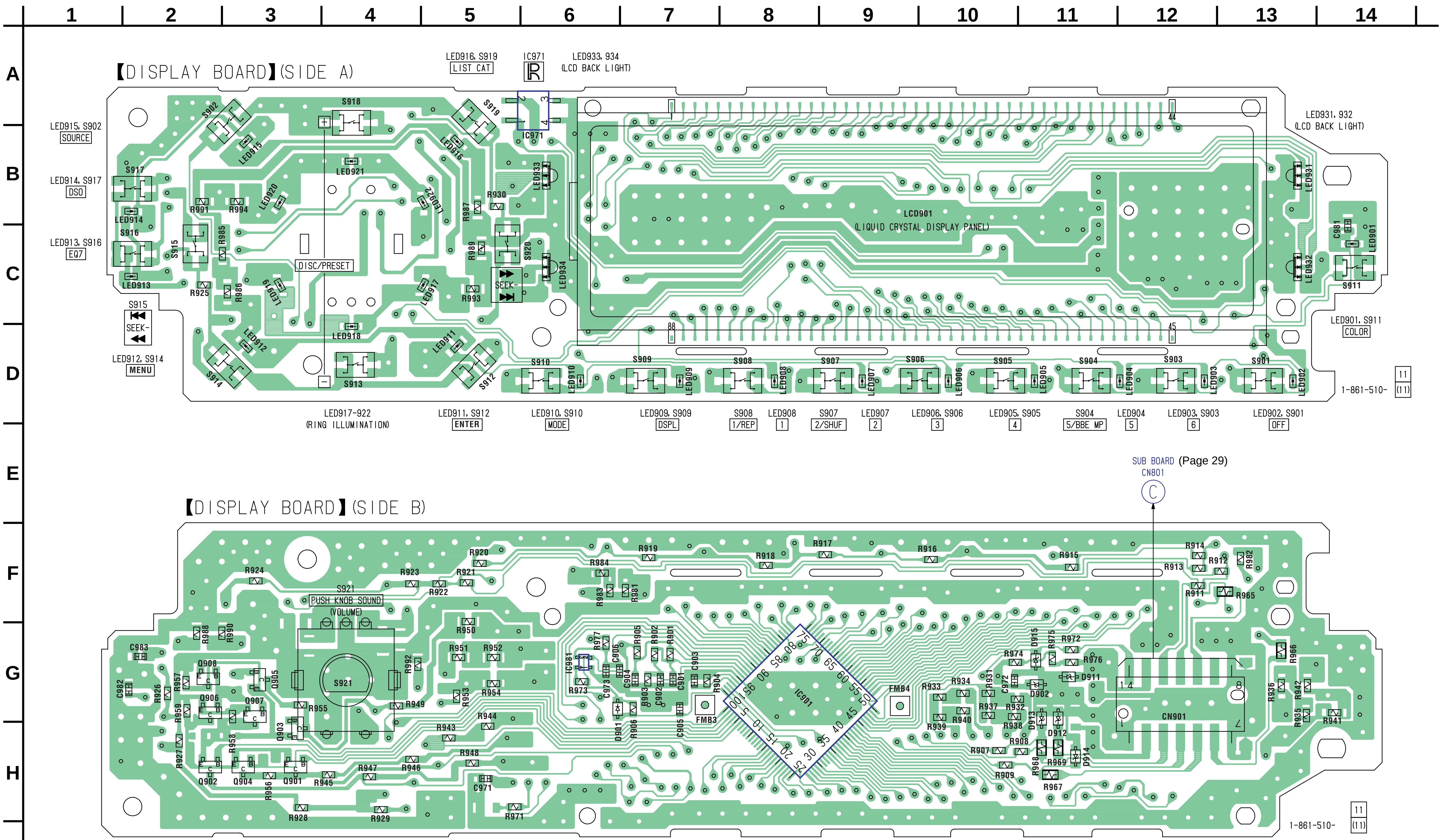
3-14. PRINTED WIRING BOARD — SUB SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



3-15. SCHEMATIC DIAGRAM — SUB SECTION —



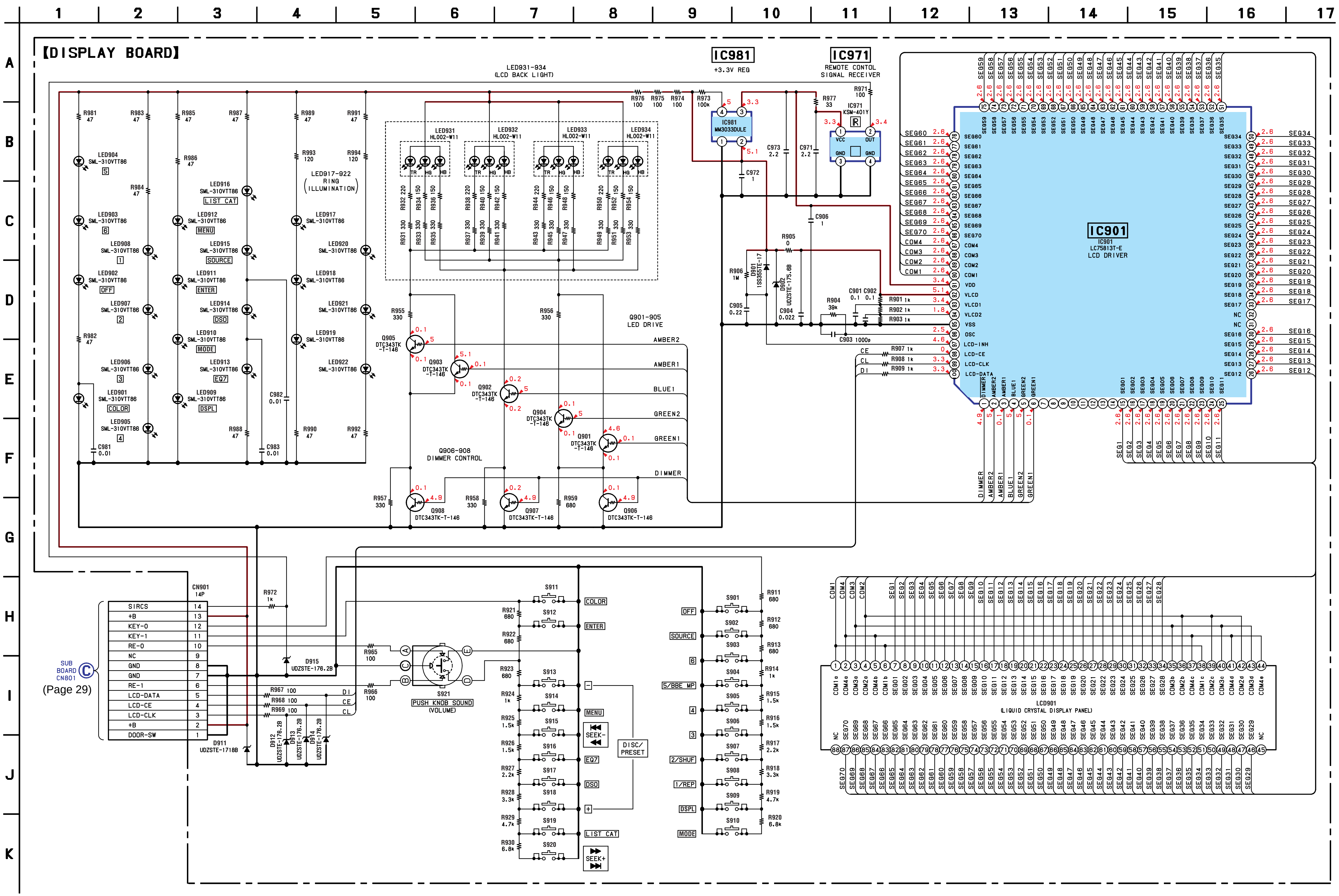
3-16. PRINTED WIRING BOARD — DISPLAY SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



• Semiconductor Location

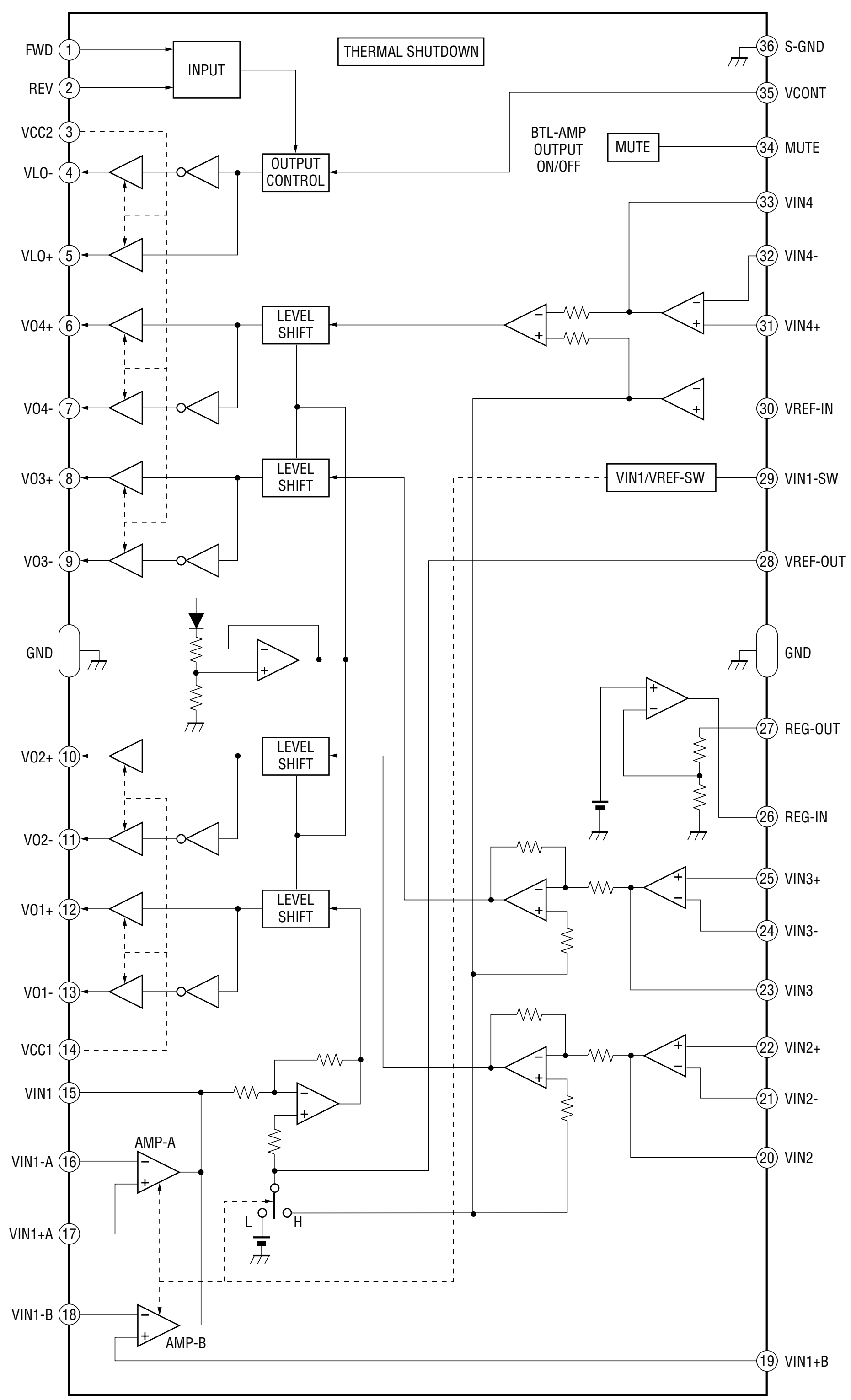
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D901	G-6	IC981	G-6	LED909	D-7	LED919	C-3	Q902	H-2
D902	G-11			LED910	D-6	LED920	B-3	Q903	H-3
D911	G-11	LED901	C-14	LED911	D-5	LED921	B-4	Q904	H-3
D912	H-11	LED902	D-13	LED912	D-3	LED922	B-5	Q905	G-3
D913	G-11	LED903	D-12	LED913	C-2	LED931	B-13	Q906	G-2
D914	H-11	LED904	D-12	LED914	B-2	LED932	C-13	Q907	G-3
D915	G-11	LED905	D-11	LED915	B-3	LED933	B-6	Q908	G-2
		LED906	D-10	LED916	B-5	LED934	C-6		
IC901	G-8	LED907	D-9	LED917	C-5				
IC971	B-6	LED908	D-8	LED918	D-4	Q901	H-3		

3-17. SCHEMATIC DIAGRAM — DISPLAY SECTION —

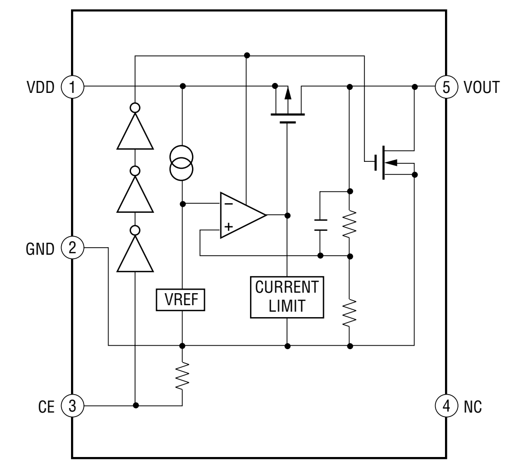


3-18. IC BLOCK DIAGRAMS

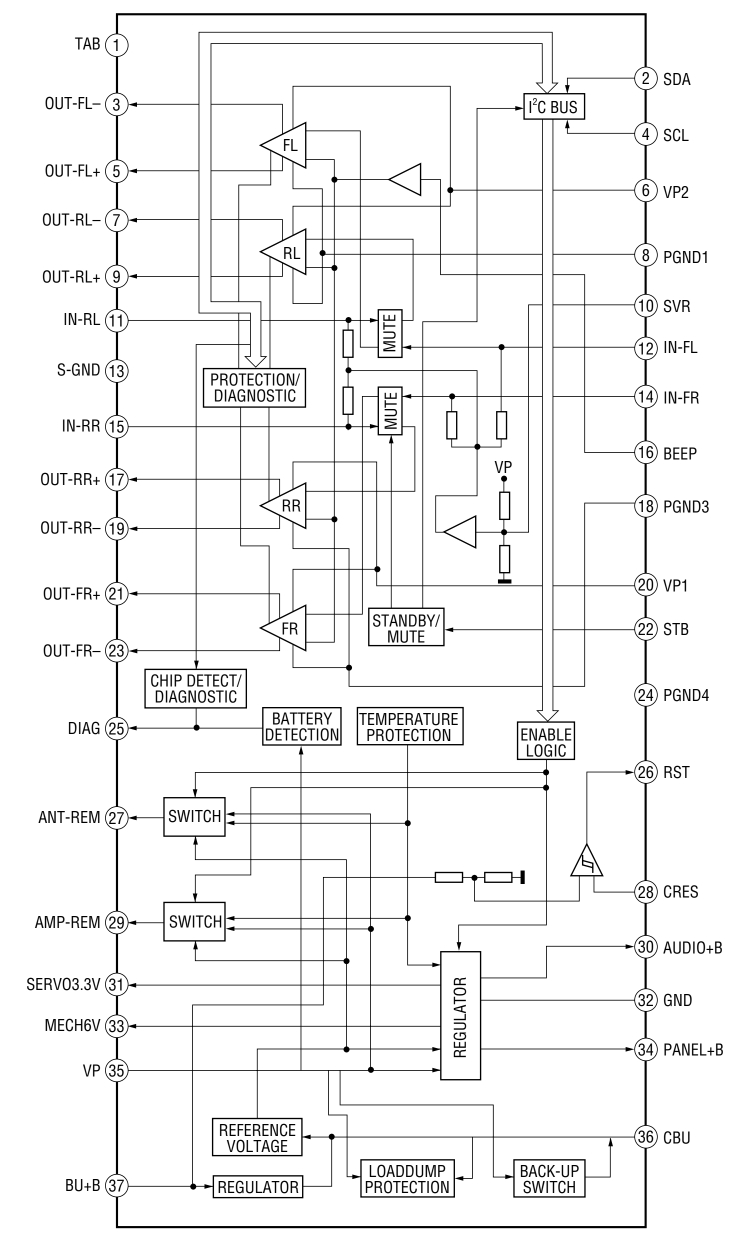
IC1 LA6560-TE-L-E (SERVO Board (2/2))



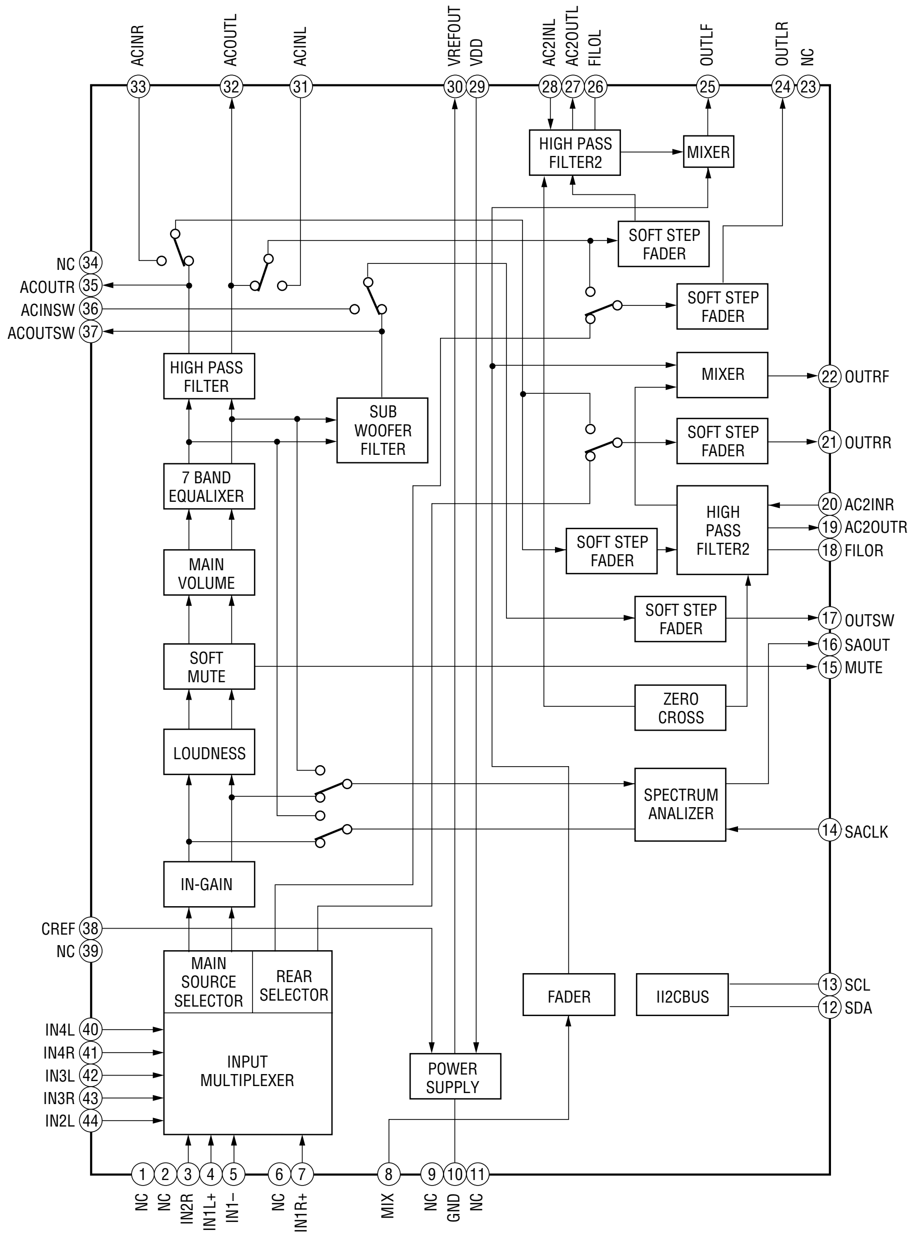
IC7 R1114N151D-TR-FA (SERVO Board (2/2))



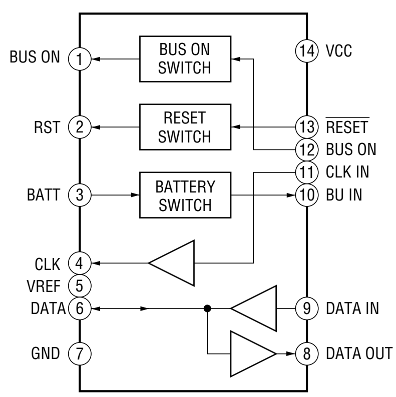
IC300 TDA8588AJ/N2 (MAIN Board (1/2))



IC351 TDA7416 (MAIN Board (1/2))



IC601 BA8271F-E2 (MAIN Board (2/2))

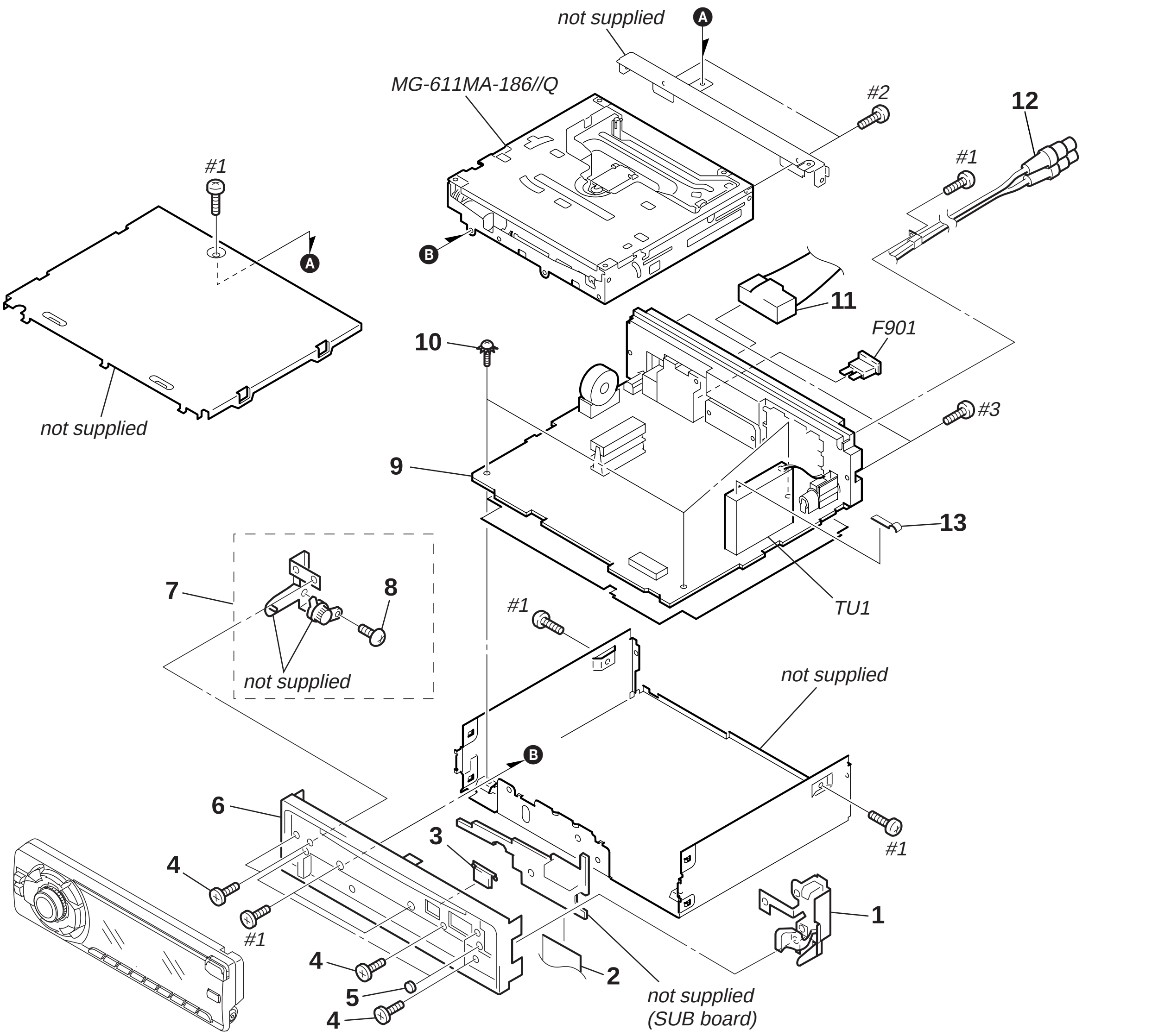


SECTION 4
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Accessories are given in the last of this parts list.
- Abbreviation
  CND : Canadian model

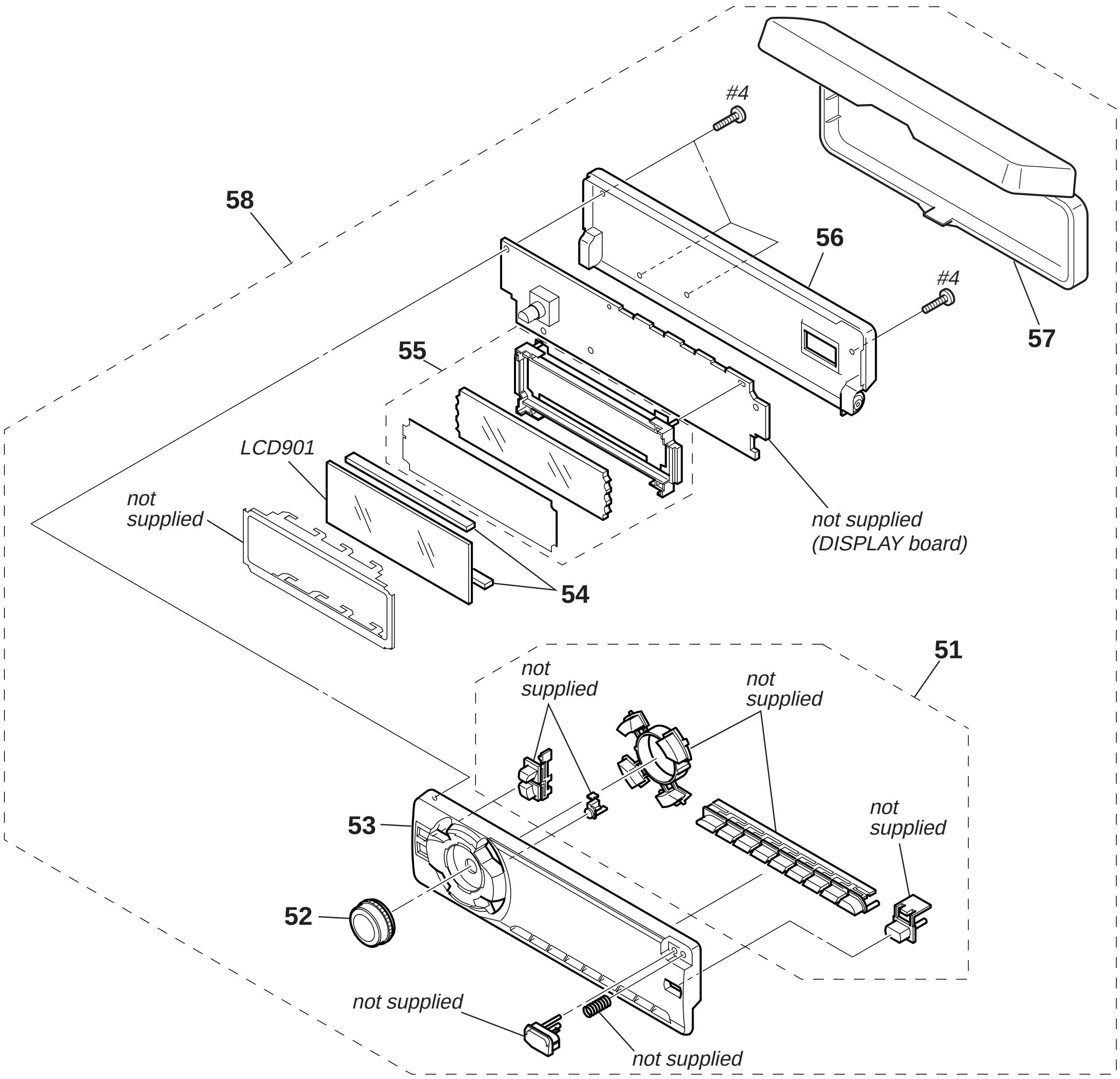
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

4-1. MAIN SECTION



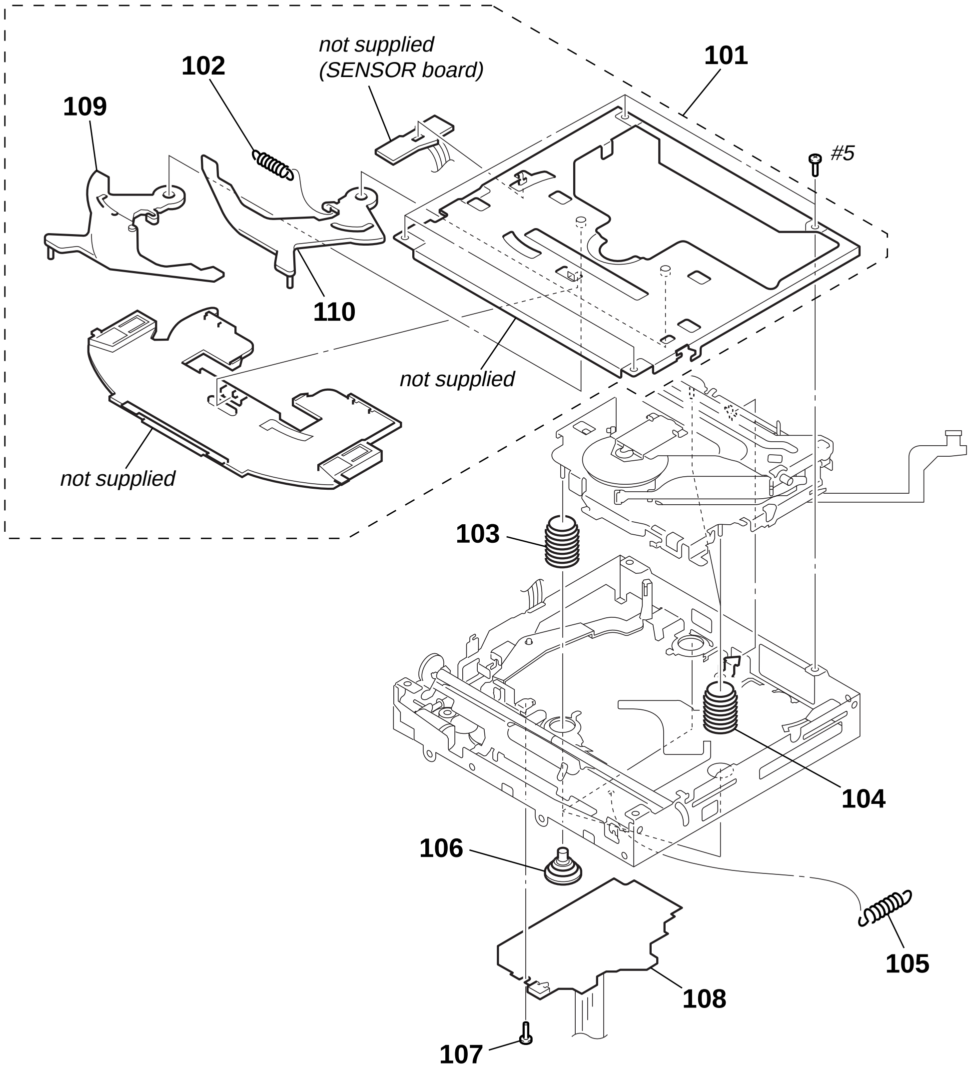
Ref. No.	Part No.	Description	Remark
1	X-3384-259-1	LOCK ASSY	
2	1-792-195-11	CABLE, FLEXIBLE FLAT (14 CORE)	
3	3-246-441-01	BUTTON (EJECT)	
4	3-042-244-01	SCREW (T)	
5	3-260-247-01	CUSHION (SUB PANEL)	
6	X-3384-364-1	PANEL ASSY, SUB	
7	X-3384-203-1	GEAR ASSY	
8	3-713-786-51	SCREW +P 2X3	
9	A-3283-483-A	MAIN BOARD, COMPLETE (F5700/FW570)	
9	A-3283-563-A	MAIN BOARD, COMPLETE (F5700X)	
10	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT	
11	1-776-207-72	CORD (WITH CONNECTOR) (POWER)	
12	1-790-355-54	CORD (WITH CONNECTOR) (RCA) (SUB OUT (MONO))	
13	3-246-481-01	PLATE (TU), GROUND	
F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
TU1	A-3220-959-A	TUNER UNIT (TUX-032//Q)	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	

4-2. FRONT PANEL SECTION



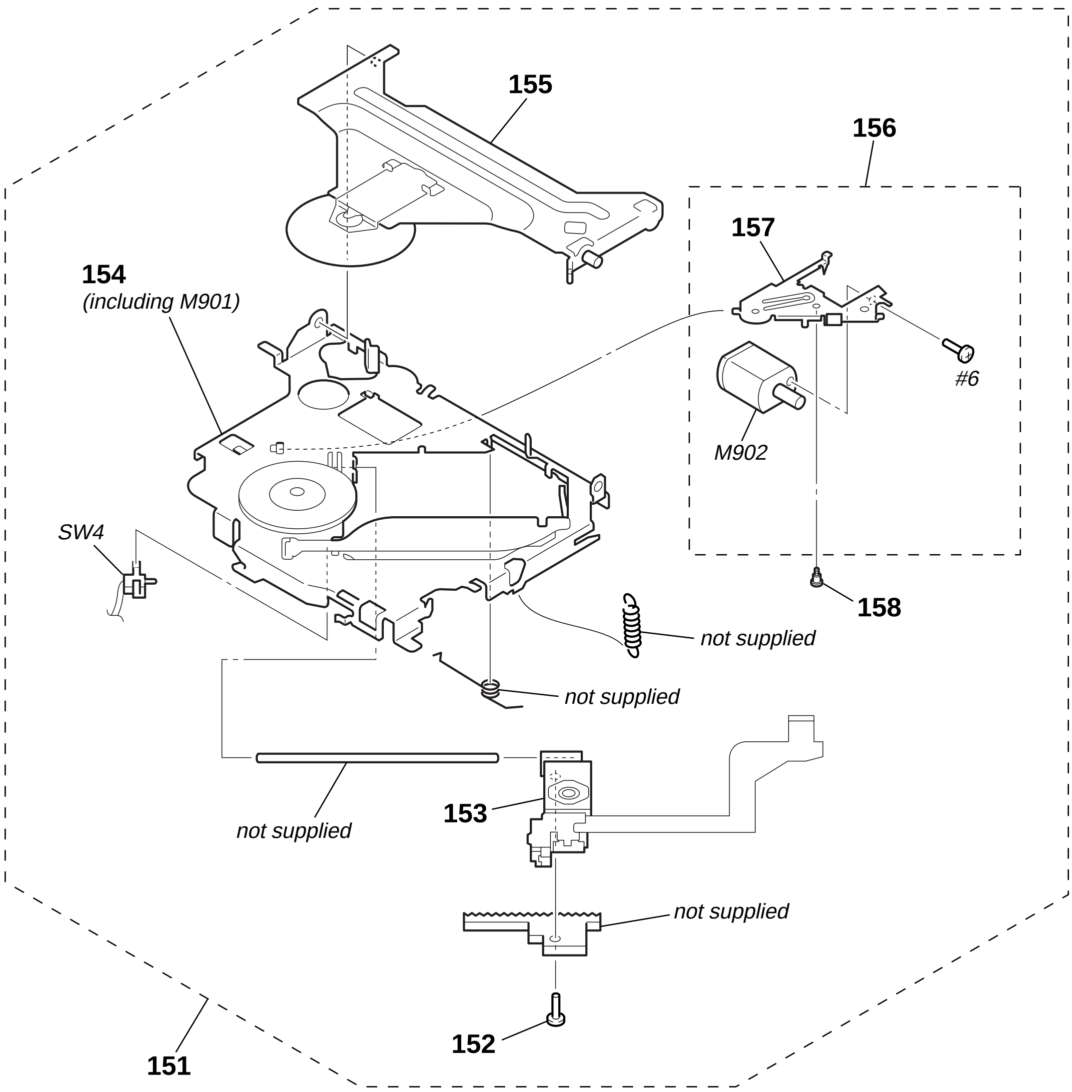
Ref. No.	Part No.	Description	Remark
51	X-3384-425-2	BUTTON KIT (SVX) ASSY (F5700/FW570)	
51	X-3384-430-2	BUTTON KIT (SVX) ASSY (F5700X)	
52	X-3384-637-1	KNOB VOL (SVX) ASSY	
53	X-3384-424-2	PANEL ASSY (SVX), FRONT (F5700)	
53	X-3384-428-2	PANEL ASSY (SVX), FRONT (FW570)	
53	X-3384-429-2	PANEL ASSY (SVX), FRONT (F5700X)	
54	1-780-097-11	CONDUCTIVE BOARD, CONNECTION	
55	X-3384-502-2	PLATE SUB ASSY (P), LIGHT GUIDE	
56	X-3384-284-1	PANEL ASSY (SVX), FRONT BACK	
57	X-3378-390-3	CASE (PANEL) (for FRONT PANEL)	
58	A-3220-956-A	FP-CDX-F5700//C (U) (F5700)	
58	A-3220-970-A	FP-CDX-F5700X//C (E) (F5700X)	
58	A-3220-971-A	FP-CDX-FW570//C (U) (FW570)	
LCD901	1-805-458-11	DISPLAY PANEL, LIQUID CRYSTAL	
#4	7-685-106-19	SCREW +P 2X10 TYPE2 NON-SLIT	

4-3. CD MECHANISM SECTION (1)
(MG-611MA-186//Q)



Ref. No.	Part No.	Description	Remark
101	A-3372-444-A	CHASSIS (T) SUB ASSY	
102	3-253-729-11	SPRING (LTR), TENSION COIL	
103	3-257-892-11	SPRING (DAMPER), COIL	
104	3-257-892-01	SPRING (DAMPER), COIL	
105	3-253-695-11	SPRING (KF), TENSION COIL	
106	3-259-033-01	DAMPER (S)	
107	3-352-758-31	SCREW (M1.7), TOOTHED LOCK	
108	A-3283-357-A	SERVO BOARD, COMPLETE	
109	X-3384-088-1	LEVER (L) ASSY	
110	X-3384-089-1	LEVER (R) ASSY	
#5	7-627-552-87	SCREW, PRECISION +P 1.7X2.2	

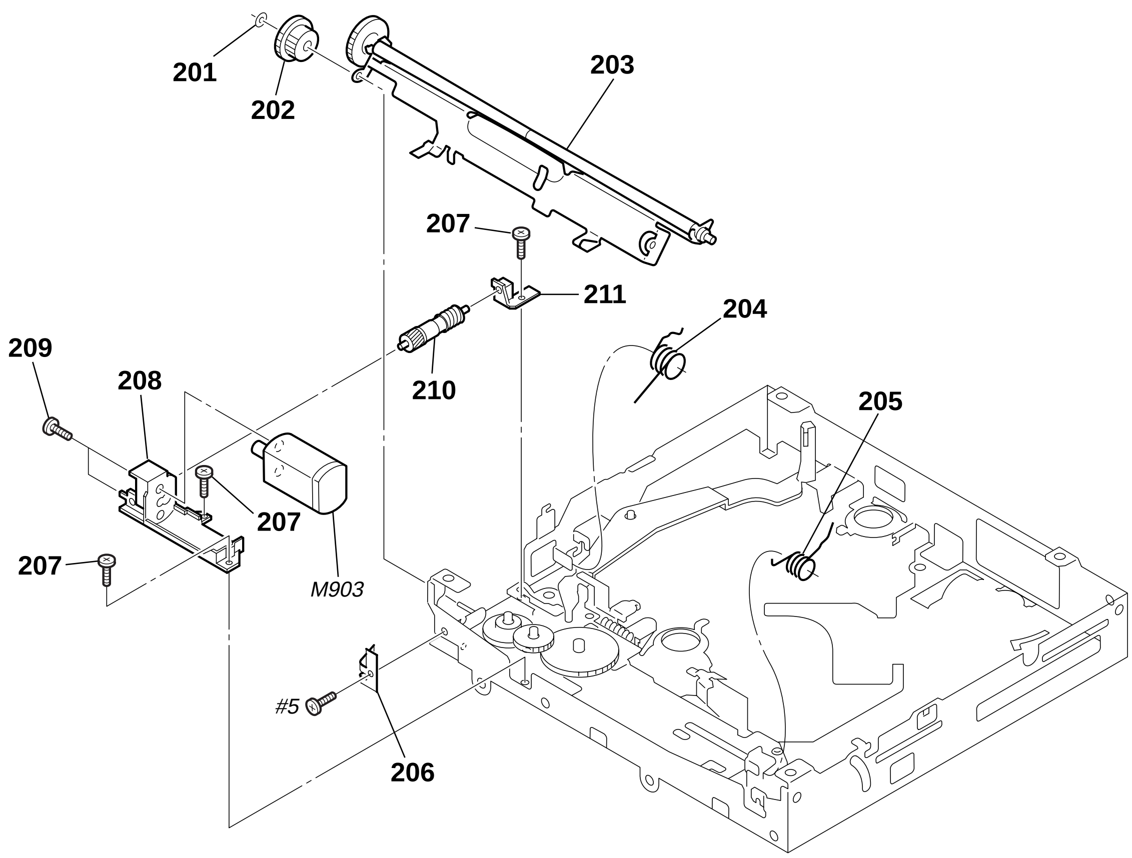
4-4. CD MECHANISM SECTION (2) (MG-611MA-186//Q)



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

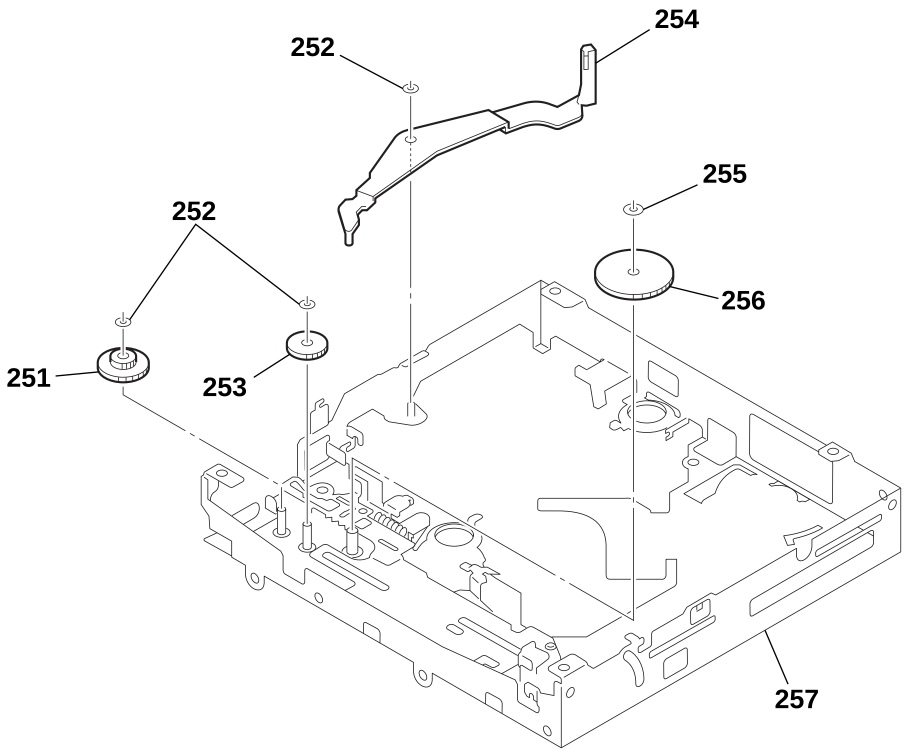
Ref. No.	Part No.	Description	Remark
151	A-3372-445-A	CHASSIS (OP) COMPLETE ASSY	
152	3-316-938-91	SCREW (B1.4X5), TAPPING	
⚠153	8-820-207-02	OPTICAL PICK-UP (KSS1000E/K1RP)	
154	A-3372-448-A	CHASSIS (OP) SUB ASSY (including M901)	
155	A-3372-449-A	ARM SUB ASSY, CHUCKING	
156	A-3372-446-A	LEVER (SL) SUB ASSY	
157	X-3384-090-2	LEVER (SL) ASSY	
158	3-264-165-12	SCREW	
M902	A-3372-447-A	MOTOR ASSY, SL (SLED)	
SW4	1-571-099-11	SWITCH (1 KEY) (LIMIT)	
#6	7-627-850-77	SCREW, PRECISION +P 1.4X1.8	

4-5. CD MECHANISM SECTION (3) (MG-611MA-186//Q)



Ref. No.	Part No.	Description	Remark
201	3-348-993-01	WASHER	
202	3-259-024-01	WHEEL (RA), WORM	
203	A-3372-441-A	ARM ASSY, ROLLER	
204	3-259-455-11	SPRING (RAL)	
205	3-253-713-11	SPRING (RAR)	
206	3-259-469-11	SPRING (LE), LEAF	
207	2-134-636-21	SCREW (M1.7X2.5)	
208	3-259-467-11	BRACKET (LEM)	
209	3-345-648-91	SCREW (M1.4), TOOTHED LOCK	
210	A-3372-450-A	WORM (LEB) ASSY	
211	3-259-468-11	BEARING (LEB)	
M903	A-3372-443-A	MOTOR ASSY, LE (LOADING)	
#5	7-627-552-87	SCREW, PRECISION +P 1.7X2.2	

4-6. CD MECHANISM SECTION (4)
(MG-611MA-186//Q)



Ref. No.	Part No.	Description	Remark
251	3-259-429-11	WHEEL (LE), WORM	
252	3-344-223-01	WASHER	
253	3-259-470-11	GEAR (LE1)	
254	3-253-755-12	LEVER (D)	
255	3-899-829-01	WASHER (SLIT)	
256	3-259-032-01	GEAR (LE2)	
257	A-3337-998-A	CHASSIS (M) BLOCK ASSY	

DISPLAY

SECTION 5
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable

When indicating parts by reference number, please include the board.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : μ, for example:
  uA.. : μA.. uPA.. : μPA..
  uPB.. : μPB.. uPC.. : μPC.. uPD.. : μPD..
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Abbreviation
  CND : Canadian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
		DISPLAY BOARD	
		**************	
	X-3384-502-2	PLATE SUB ASSY (P), LIGHT GUIDE	
	1-780-097-11	CONDUCTIVE BOARD, CONNECTION	
		< CAPACITOR >	
C901	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C902	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V
C903	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C904	1-164-227-11	CERAMIC CHIP 0.022uF 10%	25V
C905	1-115-467-11	CERAMIC CHIP 0.22uF 10%	10V
C906	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C971	1-135-834-11	CERAMIC CHIP 2.2uF	6.3V
C972	1-165-908-11	CERAMIC CHIP 1uF 10%	10V
C973	1-135-834-11	CERAMIC CHIP 2.2uF	6.3V
C981	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
C982	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
C983	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
		< CONNECTOR >	
CN901	1-817-158-11	PLUG, CONNECTOR 14P	
		< DIODE >	
D901	8-719-988-61	DIODE 1SS355TE-17	
D902	8-719-069-55	DIODE UDZS-TE17-5.6B	
D911	8-719-083-66	DIODE UDZS-TE17-18B	
D912	8-719-069-56	DIODE UDZS-TE17-6.2B	
D913	8-719-069-56	DIODE UDZS-TE17-6.2B	
D914	8-719-069-56	DIODE UDZS-TE17-6.2B	
D915	8-719-069-56	DIODE UDZS-TE17-6.2B	
		< IC >	
IC901	6-701-640-01	IC LC75813T-E	
IC971	6-600-321-01	IC KSM-401Y (IR)	
IC981	6-705-374-01	IC MM3033DULE	
		< LIQUID CRYSTAL DISPLAY >	
LCD901	1-805-458-11	DISPLAY PANEL, LIQUID CRYSTAL	
		< DIODE >	
LED901	8-719-053-09	LED SML-310VT-T86 (COLOR)	
LED902	8-719-053-09	LED SML-310VT-T86 (OFF)	
LED903	8-719-053-09	LED SML-310VT-T86 (6)	
LED904	8-719-053-09	LED SML-310VT-T86 (5)	
LED905	8-719-053-09	LED SML-310VT-T86 (4)	
LED906	8-719-053-09	LED SML-310VT-T86 (3)	
LED907	8-719-053-09	LED SML-310VT-T86 (2)	
LED908	8-719-053-09	LED SML-310VT-T86 (1)	
LED909	8-719-053-09	LED SML-310VT-T86 (DSPL)	
LED910	8-719-053-09	LED SML-310VT-T86 (MODE)	
LED911	8-719-053-09	LED SML-310VT-T86 (ENTER)	
LED912	8-719-053-09	LED SML-310VT-T86 (MENU)	
LED913	8-719-053-09	LED SML-310VT-T86 (EQ7)	
LED914	8-719-053-09	LED SML-310VT-T86 (DSO)	
LED915	8-719-053-09	LED SML-310VT-T86 (SOURCE)	
LED916	8-719-053-09	LED SML-310VT-T86 (LIST CAT)	
LED917	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED918	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED919	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED920	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED921	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED922	8-719-053-09	LED SML-310VT-T86 (RING ILLUMINATION)	
LED931	6-500-312-01	LED HL002-W11 (LCD BACK LIGHT)	
LED932	6-500-312-01	LED HL002-W11 (LCD BACK LIGHT)	
LED933	6-500-312-01	LED HL002-W11 (LCD BACK LIGHT)	
LED934	6-500-312-01	LED HL002-W11 (LCD BACK LIGHT)	
		< TRANSISTOR >	
Q901	8-729-920-31	TRANSISTOR DTC343TK	
Q902	8-729-920-31	TRANSISTOR DTC343TK	
Q903	8-729-920-31	TRANSISTOR DTC343TK	
Q904	8-729-920-31	TRANSISTOR DTC343TK	
Q905	8-729-920-31	TRANSISTOR DTC343TK	
Q906	8-729-920-31	TRANSISTOR DTC343TK	
Q907	8-729-920-31	TRANSISTOR DTC343TK	
Q908	8-729-920-31	TRANSISTOR DTC343TK	
		< RESISTOR >	
R901	1-216-821-11	METAL CHIP 1K 5%	1/10W
R902	1-216-821-11	METAL CHIP 1K 5%	1/10W
R903	1-216-821-11	METAL CHIP 1K 5%	1/10W
R904	1-216-840-11	METAL CHIP 39K 5%	1/10W
R905	1-216-864-11	METAL CHIP 0 5%	1/10W
R906	1-216-857-11	METAL CHIP 1M 5%	1/10W
R907	1-216-821-11	METAL CHIP 1K 5%	1/10W
R908	1-216-821-11	METAL CHIP 1K 5%	1/10W
R909	1-216-821-11	METAL CHIP 1K 5%	1/10W
R911	1-216-819-11	METAL CHIP 680 5%	1/10W

Ref. No.	Part No.	Description			Remark
R912	1-216-819-11	METAL CHIP	680	5%	1/10W
R913	1-216-819-11	METAL CHIP	680	5%	1/10W
R914	1-216-821-11	METAL CHIP	1K	5%	1/10W
R915	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R916	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R917	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R918	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R919	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R920	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R921	1-216-819-11	METAL CHIP	680	5%	1/10W
R922	1-216-819-11	METAL CHIP	680	5%	1/10W
R923	1-216-819-11	METAL CHIP	680	5%	1/10W
R924	1-216-821-11	METAL CHIP	1K	5%	1/10W
R925	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R926	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R927	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R928	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R929	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R930	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R931	1-216-815-11	METAL CHIP	330	5%	1/10W
R932	1-216-813-11	METAL CHIP	220	5%	1/10W
R933	1-216-815-11	METAL CHIP	330	5%	1/10W
R934	1-216-811-11	METAL CHIP	150	5%	1/10W
R935	1-216-815-11	METAL CHIP	330	5%	1/10W
R936	1-216-811-11	METAL CHIP	150	5%	1/10W
R937	1-216-815-11	METAL CHIP	330	5%	1/10W
R938	1-216-813-11	METAL CHIP	220	5%	1/10W
R939	1-216-815-11	METAL CHIP	330	5%	1/10W
R940	1-216-811-11	METAL CHIP	150	5%	1/10W
R941	1-216-815-11	METAL CHIP	330	5%	1/10W
R942	1-216-811-11	METAL CHIP	150	5%	1/10W
R943	1-216-815-11	METAL CHIP	330	5%	1/10W
R944	1-216-813-11	METAL CHIP	220	5%	1/10W
R945	1-216-815-11	METAL CHIP	330	5%	1/10W
R946	1-216-811-11	METAL CHIP	150	5%	1/10W
R947	1-216-815-11	METAL CHIP	330	5%	1/10W
R948	1-216-811-11	METAL CHIP	150	5%	1/10W
R949	1-216-815-11	METAL CHIP	330	5%	1/10W
R950	1-216-813-11	METAL CHIP	220	5%	1/10W
R951	1-216-815-11	METAL CHIP	330	5%	1/10W
R952	1-216-811-11	METAL CHIP	150	5%	1/10W
R953	1-216-815-11	METAL CHIP	330	5%	1/10W
R954	1-216-811-11	METAL CHIP	150	5%	1/10W
R955	1-216-815-11	METAL CHIP	330	5%	1/10W
R956	1-216-815-11	METAL CHIP	330	5%	1/10W
R957	1-216-815-11	METAL CHIP	330	5%	1/10W
R958	1-216-815-11	METAL CHIP	330	5%	1/10W
R959	1-216-819-11	METAL CHIP	680	5%	1/10W
R965	1-216-025-11	RES-CHIP	100	5%	1/10W
R966	1-216-025-11	RES-CHIP	100	5%	1/10W
R967	1-216-025-11	RES-CHIP	100	5%	1/10W
R968	1-216-025-11	RES-CHIP	100	5%	1/10W
R969	1-216-025-11	RES-CHIP	100	5%	1/10W
R971	1-216-809-11	METAL CHIP	100	5%	1/10W
R972	1-216-821-11	METAL CHIP	1K	5%	1/10W
R973	1-216-845-11	METAL CHIP	100K	5%	1/10W
R974	1-216-809-11	METAL CHIP	100	5%	1/10W
R975	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R976	1-216-809-11	METAL CHIP	100	5%	1/10W
R977	1-216-803-11	METAL CHIP	33	5%	1/10W
R981	1-216-805-11	METAL CHIP	47	5%	1/10W
R982	1-216-805-11	METAL CHIP	47	5%	1/10W
R983	1-216-805-11	METAL CHIP	47	5%	1/10W
R984	1-216-805-11	METAL CHIP	47	5%	1/10W
R985	1-216-805-11	METAL CHIP	47	5%	1/10W
R986	1-216-805-11	METAL CHIP	47	5%	1/10W
R987	1-216-805-11	METAL CHIP	47	5%	1/10W
R988	1-216-805-11	METAL CHIP	47	5%	1/10W
R989	1-216-805-11	METAL CHIP	47	5%	1/10W
R990	1-216-805-11	METAL CHIP	47	5%	1/10W
R991	1-216-805-11	METAL CHIP	47	5%	1/10W
R992	1-216-805-11	METAL CHIP	47	5%	1/10W
R993	1-216-810-11	METAL CHIP	120	5%	1/10W
R994	1-216-810-11	METAL CHIP	120	5%	1/10W
		< SWITCH >			
S901	1-771-884-31	SWITCH, TACTILE (OFF)			
S902	1-771-884-31	SWITCH, TACTILE (SOURCE)			
S903	1-771-884-31	SWITCH, TACTILE (6)			
S904	1-771-884-31	SWITCH, TACTILE (5/BBE MP)			
S905	1-771-884-31	SWITCH, TACTILE (4)			
S906	1-771-884-31	SWITCH, TACTILE (3)			
S907	1-771-884-31	SWITCH, TACTILE (2/SHUF)			
S908	1-771-884-31	SWITCH, TACTILE (1/REP)			
S909	1-771-884-31	SWITCH, TACTILE (DSPL)			
S910	1-771-884-31	SWITCH, TACTILE (MODE)			
S911	1-771-884-31	SWITCH, TACTILE (COLOR)			
S912	1-771-884-31	SWITCH, TACTILE (ENTER)			
S913	1-771-884-31	SWITCH, TACTILE (DISC/PRESET –)			
S914	1-771-884-31	SWITCH, TACTILE (MENU)			
S915	1-771-884-31	SWITCH, TACTILE (⏮ SEEK – ◀◀)			
S916	1-771-884-31	SWITCH, TACTILE (EQ7)			
S917	1-771-884-31	SWITCH, TACTILE (DSO)			
S918	1-771-884-31	SWITCH, TACTILE (DISC/PRESET +)			
S919	1-771-884-31	SWITCH, TACTILE (LIST CAT)			
S920	1-771-884-31	SWITCH, TACTILE (▶▶ SEEK + ⏭)			
S921	1-478-474-11	ENCODER, ROTARY			(PUSH KNOB SOUND,VOLUME)

****

Ref. No.	Part No.	Description			Remark
	A-3283-483-A	MAIN BOARD, COMPLETE (F5700/FW570)			
	A-3283-563-A	MAIN BOARD, COMPLETE (F5700X)			
		**********************			
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT			
	7-685-793-09	SCREW +PTT 2.6X8 (S)			
		< CAPACITOR >			
C2	1-126-947-11	ELECT	47uF	20%	16V
C3	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (F5700X)
C5	1-126-947-11	ELECT	47uF	20%	16V
C6	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C7	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C8	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C9	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

MAIN

Ref. No.	Part No.	Description			Remark
C301	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C302	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C303	1-128-551-11	ELECT	22uF	20%	25V
C304	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C305	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C306	1-126-964-11	ELECT	10uF	20%	50V
C307	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C310	1-126-964-11	ELECT	10uF	20%	50V
C312	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C313	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C314	1-126-964-11	ELECT	10uF	20%	50V
C315	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C316	1-126-964-11	ELECT	10uF	20%	50V
C317	1-126-961-11	ELECT	2.2uF	20%	50V
C318	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C319	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C320	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C325	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C329	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C330	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C351	1-126-947-11	ELECT	47uF	20%	16V
C352	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C353	1-126-964-11	ELECT	10uF	20%	50V
C354	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C355	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C356	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C357	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C358	1-136-154-00	FILM	0.012uF	5%	50V
C359	1-136-154-00	FILM	0.012uF	5%	50V
C360	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C361	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C362	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C363	1-126-960-11	ELECT	1uF	20%	50V
C364	1-126-960-11	ELECT	1uF	20%	50V
C365	1-126-960-11	ELECT	1uF	20%	50V
C366	1-126-960-11	ELECT	1uF	20%	50V
C367	1-126-960-11	ELECT	1uF	20%	50V
C368	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C369	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C371	1-126-964-11	ELECT	10uF	20%	50V
C372	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C401	1-128-551-11	ELECT	22uF	20%	25V
C402	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C403	1-128-551-11	ELECT	22uF	20%	25V
C405	1-128-551-11	ELECT	22uF	20%	25V
C407	1-128-551-11	ELECT	22uF	20%	25V
C409	1-126-964-11	ELECT	10uF	20%	50V
C412	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C413	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C414	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C415	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C416	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C417	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C420	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C421	1-126-964-11	ELECT	10uF	20%	50V
C422	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C423	1-137-194-11	FILM	0.47uF	5%	50V
C424	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C431	1-126-964-11	ELECT	10uF	20%	50V
C432	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C433	1-137-194-11	FILM	0.47uF	5%	50V
C434	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C441	1-126-964-11	ELECT	10uF	20%	50V
C442	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C443	1-137-194-11	FILM	0.47uF	5%	50V
C444	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C451	1-126-964-11	ELECT	10uF	20%	50V
C452	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C453	1-137-194-11	FILM	0.47uF	5%	50V
C454	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C491	1-126-947-11	ELECT	47uF	20%	16V
C500	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C501	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C502	1-104-665-11	ELECT	100uF	20%	10V
C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C505	1-125-710-11	DOUBLE LAYERS	0.1F		5.5V
C506	1-126-924-11	ELECT	330uF	20%	10V
C507	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C510	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C511	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C512	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C514	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C515	1-216-845-11	METAL CHIP	100K	5%	1/10W
C516	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C517	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C518	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C519	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C521	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C600	1-126-935-11	ELECT	470uF	20%	16V
C601	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C701	1-131-868-81	ELECT	3300uF	20%	16V
C702	1-126-961-11	ELECT	2.2uF	20%	50V
C703	1-126-963-11	ELECT	4.7uF	20%	50V
C704	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V
C901	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C902	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C904	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
		< CONNECTOR >			
CN300	1-774-701-21	PIN, CONNECTOR 16P			
CN350	1-817-536-11	CONNECTOR, BOARD TO BOARD 28P			
CN370	1-784-456-11	CONNECTOR, FFC/FPC 14P			
* CN410	1-564-506-11	PLUG, CONNECTOR 3P			
CNJ400	1-580-907-41	PLUG, CONNECTOR (BUS CONTROL IN)			
		< DIODE >			
D2	8-719-069-55	DIODE UDZS-TE17-5.6B			
D101	6-500-886-01	DIODE RSA6.1ENTR			
D102	6-500-886-01	DIODE RSA6.1ENTR			
D103	8-719-978-33	DIODE DTZ-TT11-6.8B			
D106	8-719-083-66	DIODE UDZS-TE17-18B			
D301	8-719-200-82	DIODE 11ES2			
D302	8-719-200-82	DIODE 11ES2			

Ref. No.	Part No.	Description	Remark
D303	8-719-200-82	DIODE 11ES2	
D304	8-719-200-82	DIODE 11ES2	
D305	8-719-200-82	DIODE 11ES2	
D306	8-719-200-82	DIODE 11ES2	
D307	8-719-200-82	DIODE 11ES2	
D308	8-719-200-82	DIODE 11ES2	
D309	8-719-200-82	DIODE 11ES2	
D310	8-719-200-82	DIODE 11ES2	
D311	8-719-200-82	DIODE 11ES2	
D312	8-719-200-82	DIODE 11ES2	
D352	8-719-978-33	DIODE DTZ-TT11-6.8B	
D353	8-719-058-24	DIODE RB501V-40TE-17	
D354	8-719-058-24	DIODE RB501V-40TE-17	
D491	8-719-404-50	DIODE MA111-TX	
D494	8-719-058-24	DIODE RB501V-40TE-17	
D495	8-719-058-24	DIODE RB501V-40TE-17	
D501	8-719-820-05	DIODE 1SS181	
D602	8-719-083-66	DIODE UDZS-TE17-18B	
D603	8-719-056-84	DIODE UDZ-TE-17-7.5B	
D604	8-719-083-66	DIODE UDZS-TE17-18B	
D605	8-719-083-66	DIODE UDZS-TE17-18B	
D606	8-719-072-70	DIODE MA2ZD14001S0	
D607	8-719-049-38	DIODE 1N5404TU	
D609	8-719-058-24	DIODE RB501V-40TE-17	
D610	8-719-058-24	DIODE RB501V-40TE-17	
D701	8-719-083-66	DIODE UDZS-TE17-18B	
D702	8-719-083-66	DIODE UDZS-TE17-18B	
D703	8-719-978-33	DIODE DTZ-TT11-6.8B	
D704	8-719-083-66	DIODE UDZS-TE17-18B	
D705	8-719-404-50	DIODE MA111-TX	
D706	8-719-083-66	DIODE UDZS-TE17-18B	
D707	8-719-083-66	DIODE UDZS-TE17-18B	
D901	8-719-083-66	DIODE UDZS-TE17-18B	
		< IC >	
IC300	6-705-359-01	IC TDA8588AJ/N2	
IC351	6-703-303-01	IC TDA7416	
IC501	6-705-373-01	IC MM3123DPLE	
IC600	6-803-741-01	IC MN101E01KDG	
IC601	6-703-884-01	IC BA8271F-E2	
IC602	8-759-659-13	IC PST3428UL	
		< JACK >	
J1	1-815-185-13	JACK (ANTENNA)	
J370	1-566-822-41	JACK (REMOTE IN)	
J451	1-774-700-11	JACK, PIN 6P (BUS AUDIO IN, AUDIO OUT REAR,AUDIO OUT FRONT)	
		< JUMPER RESISTOR >	
JC1	1-216-296-11	SHORT CHIP 0	
JC16	1-216-296-11	SHORT CHIP 0	
JC17	1-216-296-11	SHORT CHIP 0	
JC49	1-216-296-11	SHORT CHIP 0	
JC51	1-216-296-11	SHORT CHIP 0	
JC52	1-216-296-11	SHORT CHIP 0	(F5700/FW570)
JC90	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC93	1-216-296-11	SHORT CHIP 0	
JC101	1-216-296-11	SHORT CHIP 0	

Ref. No.	Part No.	Description	Remark
JC102	1-216-296-11	SHORT CHIP 0	
JC103	1-216-296-11	SHORT CHIP 0	
JC104	1-216-296-11	SHORT CHIP 0	
JC105	1-216-296-11	SHORT CHIP 0	
JC108	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC109	1-216-296-11	SHORT CHIP 0	
JC110	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC300	1-216-296-11	SHORT CHIP 0	
JC301	1-216-296-11	SHORT CHIP 0	
JC302	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC304	1-216-296-11	SHORT CHIP 0	
JC305	1-216-296-11	SHORT CHIP 0	
JC306	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC307	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC400	1-216-296-11	SHORT CHIP 0	
JC401	1-216-296-11	SHORT CHIP 0	
JC404	1-216-296-11	SHORT CHIP 0	
JC408	1-216-296-11	SHORT CHIP 0	
JC501	1-216-296-11	SHORT CHIP 0	
JC502	1-216-296-11	SHORT CHIP 0	
JC503	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC504	1-216-296-11	SHORT CHIP 0	
JC505	1-216-296-11	SHORT CHIP 0	
JC506	1-216-296-11	SHORT CHIP 0	
JC507	1-216-296-11	SHORT CHIP 0	
JC508	1-216-296-11	SHORT CHIP 0	
JC509	1-216-864-11	METAL CHIP 0 5% 1/10W	
JC510	1-216-296-11	SHORT CHIP 0	
JC512	1-216-296-11	SHORT CHIP 0	
JC601	1-216-296-11	SHORT CHIP 0	
JC604	1-216-296-11	SHORT CHIP 0	
JC605	1-216-296-11	SHORT CHIP 0	
JC608	1-216-296-11	SHORT CHIP 0	
JC702	1-216-296-11	SHORT CHIP 0	
JC703	1-216-296-11	SHORT CHIP 0	
JC704	1-216-296-11	SHORT CHIP 0	
		< FERRITE BEAD >	
L4	1-469-562-21	FERRITE, EMI (SMD)	
L100	1-216-864-11	METAL CHIP 0 5% 1/10W	
L300	1-456-617-11	COIL, CHOKE 250uH	
L301	1-216-864-11	METAL CHIP 0 5% 1/10W	
L302	1-216-864-11	METAL CHIP 0 5% 1/10W	
L303	1-216-864-11	METAL CHIP 0 5% 1/10W	
L401	1-469-876-11	INDUCTOR, FERRITE BEAD	
L402	1-500-245-11	INDUCTOR, FERRITE BEAD	
L403	1-500-245-11	INDUCTOR, FERRITE BEAD	
L404	1-500-245-11	INDUCTOR, FERRITE BEAD	
L405	1-469-876-11	INDUCTOR, FERRITE BEAD	
L406	1-500-245-11	INDUCTOR, FERRITE BEAD	
L407	1-469-876-11	INDUCTOR, FERRITE BEAD	
L408	1-216-864-11	METAL CHIP 0 5% 1/10W	
L409	1-216-864-11	METAL CHIP 0 5% 1/10W	
L410	1-469-876-11	INDUCTOR, FERRITE BEAD	
L501	1-216-864-11	METAL CHIP 0 5% 1/10W	
L901	1-469-844-11	INDUCTOR 2.2uH	
L902	1-216-864-11	METAL CHIP 0 5% 1/10W	(F5700/FW570)

MAIN

Ref. No.	Part No.	Description			Remark
L902	1-469-844-11	INDUCTOR	2.2uH (F5700X)		
		< TRANSISTOR >			
Q3	8-729-106-68	TRANSISTOR	2SD1615A-GP		
Q101	8-729-047-76	TRANSISTOR	FMC2A-T148		
Q351	6-550-683-01	TRANSISTOR	RJK005N03-T146		
Q352	6-550-752-01	TRANSISTOR	DTC614TKT146		
Q420	6-550-752-01	TRANSISTOR	DTC614TKT146		
Q432	6-550-752-01	TRANSISTOR	DTC614TKT146		
Q440	6-550-752-01	TRANSISTOR	DTC614TKT146		
Q452	6-550-752-01	TRANSISTOR	DTC614TKT146		
Q491	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q492	1-801-806-11	TRANSISTOR	DTC144EKA (F5700/FW570)		
Q492	8-729-027-43	TRANSISTOR	DTC114EKA-T146 (F5700X)		
Q501	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q600	8-729-047-76	TRANSISTOR	FMC2A-T148		
Q601	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q605	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q701	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q702	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q703	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
		< RESISTOR >			
R4	1-216-839-11	METAL CHIP	33K	5%	1/10W
R5	1-216-843-11	METAL CHIP	68K	5%	1/10W
R6	1-216-809-11	METAL CHIP	100	5%	1/10W
R7	1-216-809-11	METAL CHIP	100	5%	1/10W
R10	1-216-821-11	METAL CHIP	1K	5%	1/10W
R12	1-216-864-11	METAL CHIP	0	5%	1/10W
R13	1-216-864-11	METAL CHIP	0	5%	1/10W
R101	1-216-821-11	METAL CHIP	1K	5%	1/10W
R102	1-216-809-11	METAL CHIP	100	5%	1/10W
R103	1-216-809-11	METAL CHIP	100	5%	1/10W
R104	1-216-809-11	METAL CHIP	100	5%	1/10W
R105	1-216-809-11	METAL CHIP	100	5%	1/10W
R106	1-216-821-11	METAL CHIP	1K	5%	1/10W
R107	1-216-821-11	METAL CHIP	1K	5%	1/10W
R108	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R109	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R110	1-249-417-11	CARBON	1K	5%	1/4W
R111	1-249-417-11	CARBON	1K	5%	1/4W
R112	1-216-864-11	METAL CHIP	0	5%	1/10W
R113	1-216-864-11	METAL CHIP	0	5%	1/10W
R115	1-216-821-11	METAL CHIP	1K	5%	1/10W
R116	1-216-821-11	METAL CHIP	1K	5%	1/10W
R120	1-216-809-11	METAL CHIP	100	5%	1/10W
R121	1-216-809-11	METAL CHIP	100	5%	1/10W
R301	1-216-809-11	METAL CHIP	100	5%	1/10W
R302	1-216-841-11	METAL CHIP	47K	5%	1/10W
R351	1-216-845-11	METAL CHIP	100K	5%	1/10W
R352	1-216-833-11	METAL CHIP	10K	5%	1/10W
R353	1-216-833-11	METAL CHIP	10K	5%	1/10W
R354	1-216-833-11	METAL CHIP	10K	5%	1/10W
R355	1-216-833-11	METAL CHIP	10K	5%	1/10W
R356	1-216-833-11	METAL CHIP	10K	5%	1/10W
R357	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R358	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R359	1-216-864-11	METAL CHIP	0	5%	1/10W

Ref. No.	Part No.	Description			Remark
R360	1-216-809-11	METAL CHIP	100	5%	1/10W
R361	1-216-809-11	METAL CHIP	100	5%	1/10W
R362	1-216-809-11	METAL CHIP	100	5%	1/10W
R363	1-216-833-11	METAL CHIP	10K	5%	1/10W
R364	1-216-809-11	METAL CHIP	100	5%	1/10W
R365	1-216-793-11	METAL CHIP	4.7	5%	1/10W (F5700X)
R365	1-216-864-11	METAL CHIP	0	5%	1/10W (F5700/FW570)
R370	1-216-809-11	METAL CHIP	100	5%	1/10W
R371	1-216-809-11	METAL CHIP	100	5%	1/10W
R401	1-216-864-11	METAL CHIP	0	5%	1/10W
R402	1-216-864-11	METAL CHIP	0	5%	1/10W
R421	1-216-809-11	METAL CHIP	100	5%	1/10W
R423	1-216-809-11	METAL CHIP	100	5%	1/10W
R431	1-216-809-11	METAL CHIP	100	5%	1/10W
R433	1-216-809-11	METAL CHIP	100	5%	1/10W
R441	1-216-809-11	METAL CHIP	100	5%	1/10W
R442	1-216-809-11	METAL CHIP	100	5%	1/10W
R443	1-216-809-11	METAL CHIP	100	5%	1/10W
R444	1-216-809-11	METAL CHIP	100	5%	1/10W
R445	1-216-809-11	METAL CHIP	100	5%	1/10W
R446	1-216-809-11	METAL CHIP	100	5%	1/10W
R447	1-216-841-11	METAL CHIP	47K	5%	1/10W
R448	1-216-841-11	METAL CHIP	47K	5%	1/10W
R449	1-216-841-11	METAL CHIP	47K	5%	1/10W
R450	1-216-841-11	METAL CHIP	47K	5%	1/10W
R451	1-216-809-11	METAL CHIP	100	5%	1/10W
R452	1-216-841-11	METAL CHIP	47K	5%	1/10W
R453	1-216-809-11	METAL CHIP	100	5%	1/10W
R491	1-216-805-11	METAL CHIP	47	5%	1/10W
R500	1-216-845-11	METAL CHIP	100K	5%	1/10W
R501	1-216-821-11	METAL CHIP	1K	5%	1/10W
R506	1-216-813-11	METAL CHIP	220	5%	1/10W
R507	1-216-864-11	METAL CHIP	0	5%	1/10W
R508	1-216-845-11	METAL CHIP	100K	5%	1/10W
R509	1-216-845-11	METAL CHIP	100K	5%	1/10W
R510	1-216-845-11	METAL CHIP	100K	5%	1/10W
R511	1-216-845-11	METAL CHIP	100K	5%	1/10W
R512	1-216-845-11	METAL CHIP	100K	5%	1/10W
R513	1-216-845-11	METAL CHIP	100K	5%	1/10W
R514	1-216-841-11	METAL CHIP	47K	5%	1/10W
R516	1-216-845-11	METAL CHIP	100K	5%	1/10W (F5700X)
R517	1-216-845-11	METAL CHIP	100K	5%	1/10W
R518	1-216-864-11	METAL CHIP	0	5%	1/10W
R520	1-216-845-11	METAL CHIP	100K	5%	1/10W (F5700/FW570)
R522	1-216-821-11	METAL CHIP	1K	5%	1/10W
R523	1-216-845-11	METAL CHIP	100K	5%	1/10W
R524	1-216-833-11	METAL CHIP	10K	5%	1/10W
R525	1-216-845-11	METAL CHIP	100K	5%	1/10W
R526	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R527	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R528	1-216-845-11	METAL CHIP	100K	5%	1/10W
R529	1-216-845-11	METAL CHIP	100K	5%	1/10W
R530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R531	1-216-849-11	METAL CHIP	220K	5%	1/10W
R532	1-216-845-11	METAL CHIP	100K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R533	1-216-845-11	METAL CHIP	100K	5%	1/10W
R534	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R535	1-216-845-11	METAL CHIP	100K	5%	1/10W
R536	1-216-864-11	METAL CHIP	0	5%	1/10W
R537	1-216-864-11	METAL CHIP	0	5%	1/10W
R538	1-216-845-11	METAL CHIP	100K	5%	1/10W
R542	1-216-845-11	METAL CHIP	100K	5%	1/10W
R544	1-216-845-11	METAL CHIP	100K	5%	1/10W (F5700X)
R545	1-216-845-11	METAL CHIP	100K	5%	1/10W (F5700X)
R546	1-216-864-11	METAL CHIP	0	5%	1/10W
R547	1-216-864-11	METAL CHIP	0	5%	1/10W
R548	1-216-864-11	METAL CHIP	0	5%	1/10W
R549	1-216-864-11	METAL CHIP	0	5%	1/10W
R560	1-216-821-11	METAL CHIP	1K	5%	1/10W
R561	1-216-864-11	METAL CHIP	0	5%	1/10W
R601	1-216-849-11	METAL CHIP	220K	5%	1/10W
R602	1-216-849-11	METAL CHIP	220K	5%	1/10W
R603	1-216-821-11	METAL CHIP	1K	5%	1/10W
R604	1-216-821-11	METAL CHIP	1K	5%	1/10W
R606	1-216-821-11	METAL CHIP	1K	5%	1/10W
R607	1-216-821-11	METAL CHIP	1K	5%	1/10W
R608	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R610	1-216-809-11	METAL CHIP	100	5%	1/10W
R611	1-216-809-11	METAL CHIP	100	5%	1/10W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-841-11	METAL CHIP	47K	5%	1/10W
R703	1-216-833-11	METAL CHIP	10K	5%	1/10W
R704	1-216-833-11	METAL CHIP	10K	5%	1/10W
R705	1-249-425-11	CARBON	4.7K	5%	1/4W
R706	1-216-841-11	METAL CHIP	47K	5%	1/10W
R707	1-216-841-11	METAL CHIP	47K	5%	1/10W
R708	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R709	1-216-833-11	METAL CHIP	10K	5%	1/10W
R710	1-249-425-11	CARBON	4.7K	5%	1/4W
R711	1-216-845-11	METAL CHIP	100K	5%	1/10W
R712	1-216-837-11	METAL CHIP	22K	5%	1/10W
		< SWITCH >			
S102	1-786-458-11	SWITCH, PUSH (1 KEY) (NOSE DET)			
S103	1-692-431-21	SWITCH, TACTILE (RESET)			
S501	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECT)			(F5700X)
		< THERMISTOR (POSITIVE) >			
TH400	1-803-350-21	THERMISTOR, POSITIVE			
		< TUNER >			
TU1	A-3220-959-A	TUNER UNIT (TUX-032//Q)			
		< VIBRATOR >			
X500	1-813-160-11	VIBRATOR, CERAMIC (27.648MHz)			
X501	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)			

****

SENSOR BOARD
****

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
SW2	1-529-566-61	SWITCH, PUSH (1 KEY) (SELF)	
SW3	1-529-566-61	SWITCH, PUSH (1 KEY) (DISC IN)	

****

A-3283-357-A SERVO BOARD, COMPLETE
****

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C1	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C2	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C4	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C6	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C7	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C8	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C10	1-104-609-11	ELECT CHIP	100uF	20%	4V
C11	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C13	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C14	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C16	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C18	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C19	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C21	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C22	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C23	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C24	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C25	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V
C26	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C27	1-126-208-21	ELECT CHIP	47uF	20%	4V
C28	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C29	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C30	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C32	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C33	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C34	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C35	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C36	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C37	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C38	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C39	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C40	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C41	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C42	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C43	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C44	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C45	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C46	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C47	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C48	1-104-609-11	ELECT CHIP	100uF	20%	4V
C49	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C50	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C51	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C52	1-100-381-11	ELECT CHIP	10uF	20%	16V

SERVO

Ref. No.	Part No.	Description			Remark
C53	1-100-381-11	ELECT CHIP	10uF	20%	16V
C54	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C55	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C56	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C57	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C58	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C59	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C60	1-100-381-11	ELECT CHIP	10uF	20%	16V
C63	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C64	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C65	1-126-208-21	ELECT CHIP	47uF	20%	4V
C66	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C67	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C74	1-126-208-21	ELECT CHIP	47uF	20%	4V
C75	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C77	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C79	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C81	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C83	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C85	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C86	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C91	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C92	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C107	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C109	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C115	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
		< CONNECTOR >			
CN1	1-794-153-21	CONNECTOR, FPC (ZIF) 16P			
CN2	1-817-275-21	CONNECTOR, BOARD TO BOARD 28P			
		< JUMPER RESISTOR >			
FB1	1-216-864-11	METAL CHIP	0	5%	1/10W
FB2	1-216-864-11	METAL CHIP	0	5%	1/10W
FB5	1-216-864-11	METAL CHIP	0	5%	1/10W
		< IC >			
IC1	6-705-366-01	IC LA6560-TE-L-E			
IC3	8-753-216-86	IC CXD3059BR			
IC4	6-804-028-01	IC MB90487PFV-G-105-BNDE1			
IC7	6-705-364-01	IC R1114N151D-TR-FA			
IC8	6-705-365-01	IC TC94A34FG-002			
		< TRANSISTOR >			
Q1	8-729-904-87	TRANSISTOR 2SB1197K-R			
Q2	8-729-928-90	TRANSISTOR DTC114EE			
Q3	8-729-904-87	TRANSISTOR 2SB1197K-R			
Q5	8-729-904-87	TRANSISTOR 2SB1197K-R			
Q6	8-729-928-90	TRANSISTOR DTC114EE			
		< RESISTOR >			
R1	1-218-941-81	RES-CHIP	100	5%	1/16W
R2	1-218-971-11	RES-CHIP	33K	5%	1/16W
R3	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5	1-218-965-11	RES-CHIP	10K	5%	1/16W
R6	1-218-965-11	RES-CHIP	10K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R7	1-208-635-11	RES-CHIP	10	5%	1/16W
R8	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9	1-218-971-11	RES-CHIP	33K	5%	1/16W
R10	1-218-965-11	RES-CHIP	10K	5%	1/16W
R11	1-218-965-11	RES-CHIP	10K	5%	1/16W
R12	1-208-635-11	RES-CHIP	10	5%	1/16W
R13	1-218-965-11	RES-CHIP	10K	5%	1/16W
R14	1-218-990-11	SHORT CHIP	0		
R15	1-218-990-11	SHORT CHIP	0		
R16	1-218-990-11	SHORT CHIP	0		
R17	1-218-965-11	RES-CHIP	10K	5%	1/16W
R18	1-218-965-11	RES-CHIP	10K	5%	1/16W
R19	1-218-969-11	RES-CHIP	22K	5%	1/16W
R20	1-218-969-11	RES-CHIP	22K	5%	1/16W
R21	1-218-990-11	SHORT CHIP	0		
R22	1-218-967-11	RES-CHIP	15K	5%	1/16W
R23	1-218-967-11	RES-CHIP	15K	5%	1/16W
R24	1-218-953-11	RES-CHIP	1K	5%	1/16W
R25	1-218-953-11	RES-CHIP	1K	5%	1/16W
R26	1-218-981-11	RES-CHIP	220K	5%	1/16W
R27	1-218-965-11	RES-CHIP	10K	5%	1/16W
R28	1-218-990-11	SHORT CHIP	0		
R29	1-218-977-11	RES-CHIP	100K	5%	1/16W
R37	1-218-947-11	RES-CHIP	330	5%	1/16W
R38	1-218-967-11	RES-CHIP	15K	5%	1/16W
R39	1-218-941-81	RES-CHIP	100	5%	1/16W
R40	1-218-990-11	SHORT CHIP	0		
R41	1-218-985-11	RES-CHIP	470K	5%	1/16W
R42	1-218-965-11	RES-CHIP	10K	5%	1/16W
R43	1-218-977-11	RES-CHIP	100K	5%	1/16W
R44	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R45	1-218-971-11	RES-CHIP	33K	5%	1/16W
R46	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R47	1-218-977-11	RES-CHIP	100K	5%	1/16W
R48	1-218-941-81	RES-CHIP	100	5%	1/16W
R49	1-218-953-11	RES-CHIP	1K	5%	1/16W
R50	1-218-941-81	RES-CHIP	100	5%	1/16W
R52	1-218-941-81	RES-CHIP	100	5%	1/16W
R53	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R54	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R55	1-218-953-11	RES-CHIP	1K	5%	1/16W
R56	1-218-973-11	RES-CHIP	47K	5%	1/16W
R57	1-218-941-81	RES-CHIP	100	5%	1/16W
R59	1-218-941-81	RES-CHIP	100	5%	1/16W
R60	1-218-990-11	SHORT CHIP	0		
R61	1-218-985-11	RES-CHIP	470K	5%	1/16W
R62	1-218-965-11	RES-CHIP	10K	5%	1/16W
R64	1-218-941-81	RES-CHIP	100	5%	1/16W
R65	1-218-941-81	RES-CHIP	100	5%	1/16W
R67	1-218-941-81	RES-CHIP	100	5%	1/16W
R68	1-218-990-11	SHORT CHIP	0		
R69	1-218-973-11	RES-CHIP	47K	5%	1/16W
R70	1-218-945-11	RES-CHIP	220	5%	1/16W
R71	1-218-941-81	RES-CHIP	100	5%	1/16W
R72	1-218-990-11	SHORT CHIP	0		
R73	1-218-941-81	RES-CHIP	100	5%	1/16W
R74	1-218-941-81	RES-CHIP	100	5%	1/16W
R76	1-218-941-81	RES-CHIP	100	5%	1/16W

Ref. No.	Part No.	Description			Remark
R77	1-218-990-11	SHORT CHIP	0		
R78	1-218-941-81	RES-CHIP	100	5%	1/16W
R79	1-218-941-81	RES-CHIP	100	5%	1/16W
R80	1-218-977-11	RES-CHIP	100K	5%	1/16W
R81	1-218-941-81	RES-CHIP	100	5%	1/16W
R85	1-218-973-11	RES-CHIP	47K	5%	1/16W
R86	1-218-973-11	RES-CHIP	47K	5%	1/16W
R87	1-218-973-11	RES-CHIP	47K	5%	1/16W
R91	1-220-200-81	RES-CHIP	30K	5%	1/16W
R92	1-218-971-11	RES-CHIP	33K	5%	1/16W
R97	1-218-941-81	RES-CHIP	100	5%	1/16W
R98	1-218-941-81	RES-CHIP	100	5%	1/16W
R99	1-218-965-11	RES-CHIP	10K	5%	1/16W
R101	1-218-969-11	RES-CHIP	22K	5%	1/16W
R106	1-218-969-11	RES-CHIP	22K	5%	1/16W
R107	1-218-965-11	RES-CHIP	10K	5%	1/16W
R108	1-218-941-81	RES-CHIP	100	5%	1/16W
R109	1-218-953-11	RES-CHIP	1K	5%	1/16W
R110	1-218-945-11	RES-CHIP	220	5%	1/16W
R111	1-218-990-11	SHORT CHIP	0		
R114	1-218-941-81	RES-CHIP	100	5%	1/16W
R115	1-218-941-81	RES-CHIP	100	5%	1/16W
R116	1-218-941-81	RES-CHIP	100	5%	1/16W
R117	1-218-990-11	SHORT CHIP	0		
R119	1-218-941-81	RES-CHIP	100	5%	1/16W
R122	1-218-965-11	RES-CHIP	10K	5%	1/16W
R123	1-218-990-11	SHORT CHIP	0		
R124	1-216-864-11	METAL CHIP	0	5%	1/10W
R126	1-218-965-11	RES-CHIP	10K	5%	1/16W
R127	1-218-965-11	RES-CHIP	10K	5%	1/16W
R128	1-218-965-11	RES-CHIP	10K	5%	1/16W
R129	1-218-965-11	RES-CHIP	10K	5%	1/16W
R133	1-216-864-11	METAL CHIP	0	5%	1/10W
R136	1-218-977-11	RES-CHIP	100K	5%	1/16W
R139	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R140	1-218-941-81	RES-CHIP	100	5%	1/16W
R141	1-218-941-81	RES-CHIP	100	5%	1/16W
R142	1-218-941-81	RES-CHIP	100	5%	1/16W
R143	1-218-941-81	RES-CHIP	100	5%	1/16W
R144	1-218-965-11	RES-CHIP	10K	5%	1/16W
R145	1-218-977-11	RES-CHIP	100K	5%	1/16W
R146	1-218-941-81	RES-CHIP	100	5%	1/16W
R147	1-218-941-81	RES-CHIP	100	5%	1/16W
R148	1-218-941-81	RES-CHIP	100	5%	1/16W
R149	1-218-941-81	RES-CHIP	100	5%	1/16W
		< SWITCH >			
SW1	1-529-565-61	SWITCH, PUSH (1 KEY) (DOWN)			
		< VIBRATOR >			
X1	1-795-561-21	VIBRATOR, CERAMIC (16.9344MHz)			
X2	1-795-822-21	VIBRATOR, CERAMIC (18.43MHz)			

****

Ref. No.	Part No.	Description	Remark
		SUB BOARD **********	
	1-792-195-11	CABLE, FLEXIBLE FLAT (14 CORE) (CN802)	
		< CONNECTOR >	
CN801	1-817-159-11	SOCKET, CONNECTOR 14P	
		< DIODE >	
D801	8-719-056-83	DIODE UDZ-TE-17-6.8B	
LED801	8-719-082-38	LED CL-270SR-C-TS (DOOR IND)	
LED802	6-500-450-01	LED CL-195SR-CD-T (⏏)	
		< RESISTOR >	
R801	1-216-817-11	METAL CHIP 470 5%	1/10W
		< SWITCH >	
S801	1-771-884-31	SWITCH, TACTILE (⏏)	

****

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS ***************	
11	1-776-207-72	CORD (WITH CONNECTOR) (POWER)	
12	1-790-355-54	CORD (WITH CONNECTOR) (RCA) (SUB OUT (MONO))	
⚠153	8-820-207-02	OPTICAL PICK-UP (KSS1000E/K1RP)	
154	A-3372-448-A	CHASSIS (OP) SUB ASSY (including M901)	
F901	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
M902	A-3372-447-A	MOTOR ASSY, SL (SLED)	
M903	A-3372-443-A	MOTOR ASSY, LE (LOADING)	
SW4	1-571-099-11	SWITCH (1 KEY) (LIMIT)	

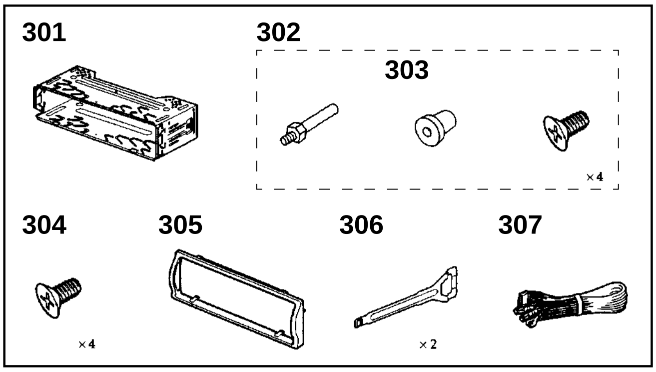
****

Ref. No.	Part No.	Description	Remark
		ACCESSORIES ************	
	1-476-526-14	REMOTE COMMANDER (RM-X114)	
	3-230-047-01	LID, BATTERY CASE (for RM-X114)	
	3-262-850-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH) (F5700)	
	3-262-850-21	MANUAL, INSTRUCTION (ENGLISH,SPANISH) (FW570)	
	3-262-851-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH) (F5700)	
	3-262-851-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH) (FW570)	
	3-263-708-11	MANUAL, INSTRUCTION (ENGLISH,SPANISH, TRADITIONAL CHINESE) (F5700X)	
	3-263-709-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH,TRADITIONAL CHINESE) (F5700X)	
	X-3378-390-3	CASE (PANEL) (for FRONT PANEL)	

****

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
		PARTS FOR INSTALLATION AND CONNECTIONS	
		************************************	
301	X-3382-647-1	FRAME ASSY, FITTING	
302	X-3381-154-1	SCREW ASSY (BS4), FITTING (F5700X)	
303	3-349-410-11	BUSHING (F5700X)	
304	3-934-325-01	SCREW, +K (5X8) TAPPING (F5700/FW570)	
305	3-261-758-01	COLLAR	
306	3-246-471-01	KEY (FRAME)	
307	1-776-207-72	CORD (WITH CONNECTOR) (POWER)	



MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2004. 02	New